

Air drill tube repairs use domestic plumbing parts	1	2	9	
Ambulance makes ideal mobile workshop	1	2	17	
ATV has mounted transport box for sheep, tools etc	1	3	1	1
ATV built from Mini parts, has 4WD & 4Wsteering	1	2	19	1
Grain auger driven through car gearbox has reverse action	1	1	14	
Round silage bale handler from old silage grab	1	1	1	
Bale spike also handles wrapped ones	1	3	18	
Bale spike has novel high performance design	1	3	43	
Bale, round, mover uses old car wheels	1	2	34	
Baler, round, has add-on collector	1	2	23	
Ballast weight for tractor	1	3	7	1
Tractor ballasting theory and practice	1	3	23	1
Bearings - how to change, maintain them	1	1	30	
Beet chopper from old silorator	1	4	16	
Combine auger is repaired with car body putty	1	4	7	
Fertiliser / sprayer bout marker made for £5	1	2	15	1
Bull bars and insurance policies	1	3	21	
Cable lubricator	1	1	9	1
Cambridge rollers - novel hitch system	1	4	7	1
Carrot harvester from pea viner	1	3	15	
Cattle crush adapted for foot trimming	1	2	16	
Cattle gate you can drive through	1	2	30	
Electric cattle grid is simple to make and install	1	1	40	
Cattle handling system improves work rate and safety	1	2	14	
Cattle handling system - mobile	1	3	3	
Cattle shed roof has vertical vent	1	4	23	
Cattle water trough-freeze protection	1	4	4	
CB radio ideas	1	4	27	1
CB radios, installation tips	1	3	25	1
Automatic chain lubricator useful for beet harvester, foragers	1	1	11	1
Cheques - writing them for security	1	2	44	
Christmas tree trimmer improves shape, increases value	1	2	35	
Clutch adjustment for MF balers	1	1	24	1
Combine bin monitor	1	1	25	
Combine concave - improved design	1	1	10	
Combine header trailer	1	4	24	
Computer software for breeders	1	2	35	
Chippings hopper fills PTO concrete mixer with no shovelling	1	1	15	1
Concrete mixer fits loader	1	1	24	1
Cow Identification - taping system	1	1	12	
Cow shed with auto scrapers	1	2	34	
Cows fed liquid feed in parlour	1	4	6	
Crow traps	1	4	5	1
Cubicle housing	1	4	30	
Disbudding crate for calves	1	2	9	
Discs on front level ground	1	2	39	
Doors have double set of hinges	1	4	19	1
Drill bit sharpening - workshop file	1	2	10	
Dual wheel mounting	1	1	10	1
Dumper makes boom loader	1	4	36	1
Electric fencing idea gives improvement	1	2	30	
Farm camp helps disabled in Canada	1	2	26	1
Fence brackets for rails	1	3	27	1

Ferguson enthusiast has tractors, parts	1			
Fertiliser placement for potatoes	1			
Fertiliser rate changed on the go	1	4	6	1
Fertiliser spinner level	1	4	23	1
Film role for farming by-gones	1	4	21	1
Flail mower	1	4	37	1
Forager rebuilds	1	1	25	
Forager, self-prop uses combine parts	1	3	30	
Fork lift from scrap industrial	1	3	27	1
Front weight removing frame	1	3	20	1
Garden furniture making	1	2	21	1
Gate latches defeat cows	1	1	16	1
Gate revolving design nudged open	1	1	41	1
Gear repairs for forager box	1	1	8	
Gear selector lock for IH 574	1	3	29	
Grassland aerator made from trailed mower lifts yields 40+%	1	1	7	
Grinders - user survey	1	4	11	
Healthy living for farmers	1	1	42	1
Hydatid cyst dangers from farm dogs	1	4	41	
Hydraulic design systems, workshop file	1	3	32	
Novel slurry stirrer propeller rips crusts, lumps	1	3	19	
Land Rover rear step	1	4	20	1
Lawn mowers get linked together, made remote control	1	1	38	1
Leptospirosis - health and the farmer	1	2	41	
Level adaptation gives constant gradient	1	2	7	1
LGP tractor made from Transit	1	4	8	1
Lift for disabled combine driver	1	2	14	1
Lights for slurry tanker	1	1	5	
Loader buckets scoured with chains	1	4	17	1
Loader extension fits Kramer	1	4	14	1
Loader made from 4WD dumper	1	2	31	1
Loaders and handlers - user survey	1	3	11	1
Log splitter	1	3	8	1
Log splitter works on both ram strokes, imcreasing output	1	1	5	1
Log splitter has integral hopper	1	1	29	1
Milk marketing	1	4	29	
Milking parlour mangers, DIY concrete	1	3	28	
Mouse trap which always works	1	2	30	1
Self propelled mower uses combine base and has 36 ft cut	1	1	37	1
Mowers - user survey	1	1	19	
Muck and slurry spreaders - user survey	1	2	36	
Oldest operating combine ?	1	1	13	
Organo phosphorous dangers	1	4	27	
Paint/rust stripper for drill/grinder	1	4	39	1
Pallet roller from old conveyor	1	4	25	1
Pesticides - health and the farmer	1	3	39	
Petrol - propane fuel boosts mileage	1	1	17	1
Piglet saver - prize invention	1	2	40	
Pigs have door made from tyres	1	2	16	
Pigs sorted through special gate	1	2	8	
Plough made into subsoiler	1	2	18	
Plough mouldboards - derusting tip	1	3	31	
Potato harvester from pea viner	1	3	17	
Power drills - user survey	1	4	11	

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Puller for bushes and bearings	1			
Recalls	1			
Residue management	1	3	21	
Road planings make good lanes	1	3	38	1
Rubbish bag holder	1	1	12	1
Safety - electrical	1	1	4	1
Scraper cleans out piglet kennels	1	4	26	
Scraper has heavy duty design	1	3	5	
Second hand spares - when to buy	1	1	34	
Secretarial computing	1	4	27	1
Self erect concrete slurry panels	1	2	35	
Sex selection for calves	1	2	25	
Shaft monitor	1	4	19	
Sheep - Romanov in Canada	1	1	13	
Sheep crate tips, swivels, for AI	1	3	28	
Sheep feed distributor works in field	1	4	28	
Silage additive applicators - review	1	2	22	
Silage additive carrier on tractor	1	2	18	
Silage clamps made from lorry beds	1	3	6	
Silage roof - rolling	1	1	14	
Slurry stirrer has high performance	1	1	28	
Slurry stores with corroded sides	1	3	7	
Slurry tanker, 4WD from milk tanker	1	2	1	
Spares - buying techniques	1	2	27	
Sperm capsule triggered by heat	1	3	21	
Spray chemical mixer from milking jar	1	2	39	
Spray mixer for heavy powders	1	4	14	
Sprayer - add-on flow guard	1	3	37	
Sprayer - push along barrow type	1	3	38	
Sprayer controls adapted for remote	1	2	7	
Sprayer demountable on Deutz Intrac	1	3	4	
Sprayer made from combine	1	1	18	
Teat feeder for calves	1	2	3	
Technical manuals	1	1	27	
Tetanus	1	1	43	
Tippers into trailers - safety warning	1	3	36	1
Toys built in farm workshop	1	1	23	1
Tractor powered by batteries	1	2	33	1
Trailer for people gives safety	1	4	40	1
Trailer lighting - workshop file	1	4	32	1
Trailer made from old tank	1	1	16	1
Transport box for pigs	1	4	18	
Transport box hooks on yard scraper	1	4	25	
Trench digger for garden cultivator	1	1	6	1
Tyres - aircraft used for farming	1	1	27	1
US farmers' best & worst buys	1	3	23	1
Vegetable harvester - demountable	1	4	1	
Vegetable opportunities	1	4	10	
Water bowser from Ford lorry	1	3	20	
Water trough, mobile, with bowser	1	2	4	
Welder has novel earth electrode	1	4	20	
Welders - user survey	1	4	11	
Welder's helmet has motorized lens	1	4	4	
Wind powered generator	1	4	17	1

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Windmill powers water system	1	1	24	Tel 01994 240978	1
Woodburning stove	1	1	26	Fax 01994 241279	1
Work clothes for women	1	1	22		1
Workshop heater on pole	1	4	8		
Workshop tools - user survey	1	4	11		
Yard scraper modifications	1	2	20		
Zero grazing mower/feeder	1	4	38		
Additive carried in sprayer tank	2	4	11		
Agricultural poetry - book review	2	2	10		1
Animal pens with cushions	2	1	35		
ATV fencing system	2	2	35		
ATV trailer tips - no hydraulics	2	1	30		1
ATV's - Let's talk	2	1	36		1
Back care - Health and the farmer	2	1	40		
Bale handler from army truck	2	3	5		
Bale handler from silage grab	2	4	31		
Bale hats	2	2	5		
Bale sledge upgraded	2	2	29		
Bale trailer has hydraulic ladder	2	1	6		
Bale wrapper	2	2	19		
Ball valve cover damage proof	2	4	13		
Band spray add - on to beet hoe	2	1	26		
Barrier on wheels	2	3	4		
Beet chopper	2	3	20		
Beet Cleaner	2	3	17		
Beet cleaning service	2	3	28		
Beet hoe has band spray attachment	2	1	26		
Bicycle made to somersault	2	4	30		1
Big bag fert handler	2	4	27		1
Bird table uses Deosan can	2	4	11		1
Blackcurrant sprayer	2	1	4		
Box mounted on front	2	2	22		1
Buckrake - front mounted	2	1	1		
Buried tractor hoax	2	4	20		1
Calf adopter	2	2	28		
Calf disbudding crate	2	4	33		
Calf feeder	2	1	9		
Calf feeders	2	1	29		
Cambridge rolls used on front press	2	3	1		
Cart rolls and mounts on loader	2	4	6		1
Cattle crush with remote door	2	3	8		
Cattle handling uses circular yard	2	4	7		

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Cattle trainer	2			
Cement mixer modified to work from hydraulics	2			
Chain supports tractor rear ballast - prevents swinging	2	3	18	1
Clayton Buggi sprayer	2	3	11	
Cloth at cut price	2	2	10	1
Combine air cleaner element has extended life with venturi modifi	2	1	27	
Combine engine drives irrigator pump	2	3	30	
Combine gets cab	2	2	26	
Combine height gauge	2	1	10	
Combine pulley problems solved	2	1	32	
Combine sieve self-levels for slopes	2	4	22	
Combine with extra tine that prevents header getting blocked	2	1	28	
Compressor makes airline	2	1	16	1
Computer games for farm machinery	2	1	10	1
Concrete mixer - self loading	2	3	33	1
Concrete slab grapple	2	1	15	1
Corner cushions for animal pens	2	1	35	
Cow anti - bully gates	2	1	33	
Cow halter trainer gets them right for show and sale	2	2	28	
Cubicle dividing gate easily moves	2	3	35	
Cultivator with double spiked rotor	2	2	14	
Dagging shear holder	2	3	12	
Depression - Health and the farmer	2	2	39	
Diesel injectors - Workshop file	2	1	22	
Directory of farming industry - Book review	2	4	25	1
Drawbar holder	2	1	18	1
Drawbar with auto retracting pin	2	1	30	1
Drill bit from Australia	2	3	31	
Ear taggers	2	1	26	
Electric dog moves cows to parlour	2	4	14	
Electric fence in yard stows itself	2	4	29	
Electric motors - Workshop file	2	3	23	
Engine fins	2	1	9	
Equipment lifter on tractor rear	2	2	22	1
Exhaust modifications on tractor	2	3	16	1
Farm relief services	2	1	20	1
Farmer and Bureaucrats - Book review	2	3	10	1
Feed system on overhead track	2	3	35	
Feeder fits on fork lift	2	4	34	
Feeder from dual spreader	2	2	4	
Feeders from barrels	2	1	28	
Fencing system on ATV	2	2	35	
Fencing tool	2	1	6	1
Fert bag handler	2	4	27	1
Fert Buggy repowered by Daihatsu diesel	2	4	1	1
Fertiliser bags get lifted safely	2	4	34	1
Flower growing for restaurants	2	1	20	1
Foot trimming crush	2	1	17	
Front linkage for Fiat	2	4	27	1

Front mounted box	2	Tel 01994 2240978		1
Front mounted concrete mixer	2	Fax 01994 241279		1
Front mounted linkage	2	1	1	1
Front mounted linkage extras	2	2	27	1
Front mounted press	2	3	1	
Front mounted straw mixer	2	2	1	
Front weight retainer	2	2	7	1
Front weight with vice attachment	2	3	16	1
Garden hoe	2	1	9	1
Gate latch lock	2	4	12	1
Gate security	2	1	31	
Gear reduction using forager box	2	4	13	1
Generator carrier	2	3	6	1
Go-kart buggy	2	1	25	1
Gooseneck hitch for standard drawbars	2	4	20	1
Grain hopper welded to auger	2	4	22	
Grain truck has hopper bottom	2	4	21	
Grass rake adaptations	2	4	28	
Grass rake disappoints	2	4	8	
Grips on trailer ramp	2	3	19	
Harrow tines won't get lost	2	4	31	
Hats to keep straw dry	2	2	5	1
Hedge maintenance - Book review	2	1	19	1
Hitching up implements fast	2	2	12	1
Hoist for workshop	2	4	21	
Hoist on rear lifts bags	2	2	22	1
Holidays and farmers	2	3	21	1
Hospital - preparing for	2	4	40	
Hydrashift lever moved	2	2	18	1
Hydraulic motor drives pump	2	3	27	1
Hydraulic rams get cut to size	2	4	29	
Injectors - Workshop file	2	1	22	
Insurance facts	2	1	44	
Insurance policies	2	3	44	
Irrigator powered by combine engine	2	3	30	
Lamborghini modifications	2	3	16	1
Lever moving for operator comfort	2	2	18	1
Lock protector	2	3	18	1
Lorry wheel silage nudger	2	3	29	
Low loader with steered axle	2	2	15	1
Machinery prototypes	2	4	9	1
Management appraisal	2	4	10	
Mobile parlour for Vet	2	1	5	
Mortgages	2	3	44	
Movable cubicle dividing gate	2	3	35	
Muck spreader with extra door	2	3	19	
Veterinary needle disposal container	2	3	12	
Octogenarian makes motor trike	2	4	22	1
Oil drum on wheels	2	3	4	1
Overhead tracks aid feeding	2	3	35	
Packer follows furrow press	2	2	3	
Parts guide for restorer's	2	1	29	
Petrol engines - Workshop file	2	2	31	
Pick-up exhaust	2	3	16	1

Pipe bender fits log splitter	2	<b>Tel 01994 4240978</b>		
Plant memories - Farmworld	2	<b>Fax 01994 241279</b>		1
Pliers	2	1	26	
Potato chopper from combine auger	2	2	37	
Potato harvester - Out of the hedgerow	2	2	18	
Power unit from lorry	2	3	13	1
Practool super drill	2	3	31	
Product development	2	4	9	
PTO lever at tractor rear	2	2	29	1
Pump driven by hydraulic motor	2	3	27	1
Puncture repairs	2	3	10	
Quick attach subframe	2	3	7	1
Rail tanker spreads 3000 gal slurry	2	4	32	
Rear loader - telescopic	2	1	7	1
Ridging reduce by tines	2	2	8	
Roller lift frame	2	1	14	
Round bale handler from Perry loader	2	4	12	1
Runabout from old golf cart	2	4	33	1
Scarecrow made from spray suit	2	4	6	
Scrap rack	2	1	15	
Scraper/silage pusher	2	3	29	
Second hand spare parts locator	2	4	26	
Self loading concrete mixer	2	3	33	1
Share farming	2	2	44	
Sheep feeder	2	1	16	
Sheep housed on slats	2	2	38	
Sheep leg crook	2	2	14	
Sheep pens	2	1	8	
Sheep weigh crate	2	2	13	
Silage additives - let's talk	2	4	15	
Silage grab with tines	2	3	32	
Silage nudger from lorry wheel	2	3	13	
Skin - Health and the farmer	2	3	40	
Slats for sheep	2	2	38	
Slug pelleter mounts on roller	2	4	5	
Slurry aeration	2	2	12	
Slurry flow control	2	2	11	
Slurry pump from lorry	2	3	13	
Slurry tower control	2	3	34	
Sodagrain	2	2	24	
Spending wisely - Publishers notebook	2	3	10	
Spray hoods with hinges	2	1	15	
Sprayer - twin tank/double pump	2	1	10	
Sprayer buggy repowered by Daihatsu	2	4	1	
Sprayer mounted on Clayton Buggi	2	3	11	
Sprayers - Let's talk	2	3	37	
Spreader adapted to be feeder	2	2	4	

Stone picker fits onto loader bucket	2	Tel 01994 240978		
Stone wall building	2	Fax 01994 241279		1
Straw mixer - front mounted	2	2	1	
Subframe fixes to implements fast	2	3	7	1
Subsoiler points from truck springs	2	4	23	
Swather height gauge	2	1	10	
Three point generator carrier	2	3	6	1
Tine addition prevents blockage	2	1	28	
Tines - optional set reduce ridging	2	2	8	
Tool boxes with lock	2	1	33	
Tools for the 3rd World	2	4	26	
Tractor driving aids	2	3	14	1
Tractor rear with PTO lever	2	2	29	1
Tractor warranties - Farmworld	2	2	23	
Trailed winch	2	2	6	1
Trailer door	2	2	16	1
Trailer gates with positive lock	2		36	1
Trailer ladder	2	1	8	1
Trailer ramp with grips	2	3	19	1
Tree clipper reaches high	2	1	34	1
Tree jack pulls trees out by roots	2	2	20	1
Tuning petrol engines - Workshop file	2	2	31	
Tyre valve cap	2	1	35	
Tyres - Let's talk	2	2	41	
Urban trees	2	4	25	1
Vice attachment on front weight	2	3	16	
Waste paper baling system	2	4	19	1
Water troughs from barrels	2	1	28	
Welding skills	2	4	35	
Wheel barrow	2	2	28	1
Wheelbarrow made from 45 gall drum	2	4	30	1
Working overseas	2	4	33	
4WD fast tractor from the workshop	3	4	32	1
Aerators clean dirty water	3	1	36	
Alarm system for buildings, vehicles	3	1	34	1
ATV dump trailer carries 1/2 ton	3	3	5	1
ATV has dog seat	3	1	29	1
ATV multi - purpose trailer	3	2	28	1
ATV trailer made extra	3	1	16	1
Bagging corn from bulk bags	3	2	6	
Bale carrier fits Land Rover	3	2	20	1
Bale sledge gets hydraulic release	3	1	38	
Bale sledge gets road wheels	3	1	38	
Bale spike fits JCB front bucket	3	1	18	1
Bale wagon made from artic trailer	3	1	30	
Baler controller makes useful tester	3	2	10	
Bar-b-que has electric blower	3	1	40	1
Bench is mobile	3	4	11	1
Best and worst buys from dairy farmers	3	4	13	
Big bale trailer	3	3	26	1
Big bale uses wrap not strings	3	3	7	
Big square baler made from scratch	3	3	28	
Bike gets reverse steering	3	2	19	1
Bird scarers for silage bales	3	3	36	



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Blob marker uses fire extinguisher	3	2	4	1
Brush cleaning solution	3	2	4	1
Bucket for loader - toe-tip	3	4	5	1
Bull beef in labour-saving shed	3	2	10	
Calf disbudding crate	3	3	11	
Calf hutches	3	4	29	
Calf navel clamps	3	2	33	
Cattle foot crush	3	2	39	
Chainsaw training logs	3	4	17	1
Chemical drum opener	3	1	40	1
Clutch changing uses simple splitting trolley	3	2	28	
Cob houses have a revival	3	2	25	1
Combine harvesters - lets talk	3	3	13	
Conveyor belt cleaner	3	2	22	
Coppice planter is quick worker	3	4	16	1
Crane for workshop came off scrap lorry	3	2	5	
Crawler tractor steering system	3	1	27	1
Cubicle shed design aids cow management	3	3	17	
Cubicles made from supermarket railings	3	4	10	
Danish fert spreader has high accuracy	3	1	37	
David Brown is made high clearance	3	2	34	1
Diagonal cubicles	3	1	16	
Distributor gets mackintosh	3	4	10	
Double headed fert spreader covers 24 m	3	1	35	
Drain cover remover	3	2	30	1
Draw bar pin can't come out	3	2	37	1
Drill - bench, makes big holes	3	4	42	
Drill - Cultivator combination	3	1	19	
Drill adaptations - MF 510 pneumatic	3	4	30	
Droop nose fitted to Marshall tractor	3	3	30	1
Dump trucks make good trailers	3	1	29	1
Economic aluminium welding system	3	4	23	
Electric fencing systems for sheep	3	4	26	
Elevator extension improves performance	3	3	32	
Engine protector for hedge trimming tractor	3	3	9	1
Eyes and their care - health	3	1	41	
Farm Business - information review	3	4	22	
Farm Ideas Encyclopaedia	3	3	42	1
Fencing box keeps everything tidy	3	2	39	1
Fert spreader - headland adjuster for Vicon	3	4	7	1
Fertiliser hopper extension	3	1	18	1
Flooding and river management	3	4	22	1
Forage harvester gets bogie axle	3	4	19	
Forage harvester improvements	3	1	9	
Forest guards for MF tractor	3	1	7	1
Fork has only three tines	3	2	19	
Frames made from scrap	3	3	20	1
Front linkage uses excavator rams	3	4	37	1
Front mounted cultivator	3	2	9	1
Fuel tank repair kit	3	4	29	
Gaskets made from clear silicone	3	4	19	
Gaspardo maize drill fertiliser coulters	3	3	38	
Gates are designed for saving space	3	3	16	1
Grain drying and storage	3	1	13	

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Grease gun filler	3	2	35	
Harrows and cultivators	3	2	13	
Header trailer has extending drawbar	3	2	35	
Headland adjustment for Vicon fert spreader	3	4	7	1
Heart attacks and what to do - Health	3	3	39	
Herefordshire/college makes own forestry kit	3	1	7	1
High tip trailer made from 6 wheeler	3	3	6	1
Home made wheel clamp	3	1	23	1
House repairs and VAT	3	4	44	
Hydraulic bead breaker gets tyres off fast	3	3	34	
Hydraulic pipes kept tidy	3	4	30	1
Hydraulic press uses 6 inch ram	3	3	27	
Ifor Williams trailer drawbacks	3	3	38	1
Insurance - sickness cover	3	4	44	
Insurance company niggles	3	4	23	
Irrigation pipe trailer	3	2	31	
JCB backhoe blade	3	1	6	1
JCB gets quick attach	3	2	36	1
JCB post hole bucket	3	3	10	1
JCB training	3	4	21	1
Jib extension for Caterpillar loader	3	3	9	1
Kerb stone lifter	3	1	27	1
Lamp uses hair dryer stand	3	4	36	
Land Rover fitted with Transit diesel	3	3	32	1
Land Rover side protector	3	1	12	1
Let's talk .. combine harvesters	3	3	13	
Let's talk .. grain drying and storage	3	1	13	
Let's talk .. harrows and cultivators	3	2	13	
Lighting plug gets neat holder	3	4	6	1
Lightweight pruner with ratchet action	3	1	34	1
Livestock trailer conversion	3	1	8	
Loader wheel have changed rims	3	4	9	1
Lorry mirrors adjust when steering	3	2	21	1
Low loading trailer	3	1	8	1
Machine tools find work on farms	3	3	37	
Making a will	3	3	44	
Making repairs which last	3	1	31	
Mastitis and low cell counts	3	4	24	
MF 30 drill adaptations	3	4	36	
MF 510 drill adaptations	3	4	30	
Mill-mixer uses roller mill with 2 ton capacity	3	2	7	
Mobile bath feeding trough	3	2	19	
Mobile bench is heavy duty	3	2	32	
Mobile shed made from oil tank	3	1	18	1
Motorway barrier ideas	3	4	33	1
Muck spreader has demountable body	3	3	36	
Muir-Hill loader quick attach	3	1	11	1
Multipurpose bale handler	3	1	20	
One pass drill uses cheap drill unit	3	1	19	
Out of parlour feeders fit in cubicles	3	3	10	
Parts washer made from dishwasher	3	4	10	
Pasture renovator uses Kuhn tiller	3	3	12	
Pick up truck box replacement	3	3	26	1
Pick-up hitch has improved geometry	3	2	8	1

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Pig trailer has special floor	3	2	38	
Post knocker made from electric pylon	3	2	44	
Potato box tipper fits standard loader	3	4	39	
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Prostate problems - health and the farmer	3	2	17	1
PTO shaft is hung up	3	1	25	1
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Reco forager improvements	3	4	26	1
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Ring feeder mover mounted on yard scraper	3	3	8	
Roller fitted with wheels for transport	3	3	18	
Roller has quick folding wings	3	4	12	1
Roof coving allows good ventilation	3	2	32	1
Round bale 'flipper spike'	3	1	25	1
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Silage feeder stays unblocked	3	4	19	
Silage trailer fitted with curtain door	3	4	36	1
Silicone for gaskets	3	4	25	
Slates fixed with clear silicone	3	4	20	
Slug pelleting	3	4	35	
Slurry filter stays unblocked	3	2	30	
Slurry pipe clamp	3	4	34	
Slurry tanker fitted with reliable lights	3	2	17	
Slurry tanker has raised outlet pipe	3	2	40	1
Spanner rack made to swing away from wall	3	4	18	
Spout for 25 litre drum	3	1	5	
Sprayer mixer handles all chemicals	3	4	23	
Sprayer modifications	3	1	27	1
Standing costs of new machinery	3	2	29	1
Steering system for crawler tractors	3	2	17	1
Storage ideas for tractor removables	3	4	30	1
String stores in old grease tub	3	2	31	1
Sweeper for yard from hay turner	3	1	6	1
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Swivelling backhoe blade	3	1	28	1
Tax allowances on silage and slurry stores	3	4	44	
Tea room is trailer mounted	3	4	11	
Teenagers savings get taxed	3			
Tensioner for self-fed silage wire	3			

Timber grab for industrial loader	3	26	33	1
Toe-tip 2 ton loader bucket	3	26	33	1
Tool box has novel shape	3	2	33	
Tools at sensible prices	3	1	37	
Tractor front and rear mudguards	3	1	17	1
Tractor lifter	3	1	25	
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Tractor turn signal highly visible	3	3	25	1
Tractor weight is adjustable	3	4	19	1
Tractor weight on 3 pt stores front weights	3	4	38	1
Tractor weight simple to pick up	3	4	38	1
Tractor wheel handler	3	1	10	
Trailer lighting plug holder	3	4	6	1
Trailers made from lorries	3	4	34	1
Trampoline is fun for all	3	3	37	
Tree felling regulations	3	4	24	1
Trough is made easy to clean	3	3	33	
Truck wears chains	3	1	29	1
Tyre puncture protection uses Kelvar	3	4	28	
Tyres stored in silage wrap	3	3	33	
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Vegetable harvester uses Zetor base	3	4	8	
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White Land Rovers last the longest	3	4	24	1
Wick weedkiller runs on skids	3	3	37	
Winching machine and how it is used	3	2	11	1
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Work bench uses railway line	3	4	36	
Workshop light designed on 'anglepoise' line	3	3	25	
Wormer resistance	3	4	17	
Yard lights mounted in swivel	3	3	19	1
10 ways to annoy your contractor	4	1	21	1
135 makes effective low ground pres. machine	4	2	7	1
A cure for a loose drive spline	4	1	36	
A' frames made removable	4	4	7	1
Add on bale turntable	4	3	38	1
Agricultural engineers - 10 ways to annoy	4	4	31	1
Al pen yokes close from the rear	4	2	8	
ATV trailer for liquid feed	4	1	14	
Auto tailgate release for grain trailers	4	1	7	
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Bale handler - low tech muck fork	4	2	11	1
Bale handler angles to save space	4	2	6	1
Bale shredder extended to take three	4	4	8	
Bale silage - lysteria eye	4	2	12	
Bale transporter - made in a day	4	2	5	1
Bale turntable	4	3	38	1
Ballast weight	4	2	8	1

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Band saw modifications improve work rate	4	<del>Tel 01994 240978</del>	1
Barriers make instant bridge	4	<del>Fax 01994 241279</del>	1
Bearings from blind holes	4	2	13
Belting makes good mud guards	4	2	32 1
Bench vice modification	4	1	35
Bird scarer	4	4	6 1
Birthday candle miracle workshop tool	4	3	36
Block cutter handles big straw bales	4	2	31 1
Blocked air cleaner	4	1	36
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Bolus applicators spread TB?	4	2	22
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Bridge made from barriers	4	2	36 1
Brushes for tractors	4	4	35 1
Bucket handles potatoes gently	4	2	33
Bull bar carries handy transport box	4	3	7 1
Bung ' stops the slop' from slurry tankers	4	1	33
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Crumbler roller gets wrapped in rain	4	4	14
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DIY air conditioning	4	3	39 1
Dog gate in barbed wire fence	4	3	18 1
Drain pipes as conduits	4	1	35 1
Drilling accurate holes in round shafts, tubes	4	4	15
Drills, cordless, powered by car battery	4	4	15
Dust emissions reduced	4	4	37 1
Easy easy-feed setup	4	1	8
Easy way to keep a drain open	4	1	35 1
Elderly on the farm - health and the farmer	4	1	37
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Gas struts improve Land-Rover canopy	4	2	33	1
Gate catch using length of chain	4	4	7	1
Generator powers trailer - mounted seed auger	4	1	15	
Glider winch built in farm workshop	4	3	9	1
Go-Kart makes great GCSE project	4	2	10	1
Grab'n'scoop adapter for shear grabs	4	1	13	
Grain bin safety ladder	4	1	36	
Grain drying - Top Dry system	4	4	33	
Grain duct holes sealed	4	4	13	
Grain sampling	4	2	23	
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Gutter cleaner aid	4	4	14	1
Hand cart has a novel brake	4	1	14	1
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Loader gets swivel attachment	4	1	18	1
Loader mounted hoist reaches 22 ft	4	3	16	1
Low ground pressure buggy	4	4	27	1
Milking parlour adjusts for heifers	4	4	23	
Mini-TV monitor fits straw spreaders	4	1	27	
Mixer wagons	4	3	21	
Mobile hopper is big time saver	4	3	40	
Muck fork makes low-tech bale handler	4	2	11	1
Muck spreader - truck conversion	4	3	20	
Multi-cultivator replaces power harrow	4	1	5	

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M-way barriers make great walling	4			
Nozzles which clean themselves	4	1	25	
Office organiser uses A4 pad	4	4	26	
Old socks used to keep diesel pipes from freezing in winter blizzard	4	1	36	1
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Pig tags get branded	4	3	34	
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Scrap ride-on makes useful tractor	4	3	11	1
Sea lice lure - Inventor's Exhibition	4	1	27	1
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Shear grab sharpener	4	4	12	
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Shock absorber	4	3	36	1
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Skid steer trailer has front loading ramps	4	1	19	1
Slurry tanker aerator	4	1	20	
Slurry tanker axle is used for dump trailer	4	3	35	
Soil sampling techniques	4	4	25	1
Sophisticated switches - Inventor's Exhibition	4	1	25	
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Steel brace stops walls bulging	4	3	37	1
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Tractor breaks tyre bead	4	1	35	
Tractor speed measured with bike computer	4	3	10	1
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Trailer mounted hydraulic crane	4	3	19	1
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Bale handler has flat 12	5	3	16	
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Bale trailer made from lorry frames	5	1	7	
Baler belt preparation tool	5	2	39	
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Barbecue stove has chimney, wheels	5	2	27	1
Bead breaker good on ATVs	5	4	12	
Bead breaker uses bottle jack	5	4	13	
Bird scarer	5	1	36	1
Borehole winch lifts pump	5	3	33	1
Brush, for cows, uses road sweeper	5	4	13	
Cab lifter	5	4	32	1
Calf crush tips for easy working	5	4	40	
Calves do well in batched hutches	5	1	10	
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Car, 2 seater, built by school	5	3	37	1
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Chemical store made from fuel tank	5	1	14	1
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Fert spreader settings always right	5	1	15	1
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Forage harvester blade sharpener	5	1	5	
Fordson brakes made safer	5	3	20	1
Front linkage moves furrow press	5	4	32	
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Loader fitted with parking stand	5	1	39	1
Log grip for saw bench	5	2	28	1
Log splitter on yard scraper	5	3	30	1
Low ground pressure crawler	5	1	8	1
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Rear loader on Nuffield 4-65	5	2	13	1
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Ten telephonic wind-ups	5	2	24	1
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Toy rocking horse	5	2	31	1
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Weight tray has novel design	5	3	32	1
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Bale spike front lifter	6	3	10	1
Bale spike with removable back plate	6	3	37	1
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Dairy cow breeding advice	6	4	30	
Diesel tank ideas	6	3	31	1
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Drill speed reducer for big bits	6	4	15	
Electric drill turns stiff engine	6	3	38	
Electric generator uses water power	6	4	8	1
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Feed mixing combination	6	2	17	
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Fence tensioner	6	1	15	1
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Forage drawbar, hydraulic	6	4	13	
Ford tractor - home-built	6	3	34	1
Forklift frame	6	2	10	1
Forklift, home built	6	1	13	1
Four teat sheep	6	3	21	
Front linkage, rotating tube bearing	6	1	14	1
Front press	6	1	14	1
Front weight frame	6	3	19	1
Front weight frame for Fords	6	2	11	1
Fuel bowser	6	4	18	1
Furrow press with rollers	6	3	34	
Furrow presses moved with forklift	6	3	20	
Gate alarm	6	3	38	1
Gates - self adjusting	6	3	15	1
Girder protected with poly pipe	6	1	18	1
Grass conditioner - modified Wuffler	6	3	30	
Grass spreader for silage	6	4	28	

Hedge trimmer fitted with belt	6	Tel 01994 240978	1	
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Hose connections	6	2	39	
Hydraulic ram sensors	6	1	29	
Hydraulic service from digger leg	6	1	15	1
Hydro blow pump	6	1	38	1
Hydro-electric generator	6	4	8	1
Incinerator - high temperature	6	3	10	1
Injector pump failures	6	1	21	
Irrigator pump	6	4	18	1
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Keenan feeder axle mods	6	4	20	
Ladder extension	6	1	18	1
Lamb dryer	6	3	38	
Lean-to for hay shed	6	2	17	1
Levelling machine, motorway grader	6	1	9	1
Link box, hooks on	6	2	16	1
Loader implement rack	6	1	18	1
Loading box for shear grab	6	3	7	
Log splitter, has own pump	6	4	5	1
Malting barley rejects	6	4	25	
Micrometer/callipers digital display	6	4	33	
Milk cluster prop	6	4	15	
Milk pipe clip	6	4	14	
Mineral feeder	6	4	15	
Mirrors fold back for better view	6	3	39	1
Mixer, concrete, trailed	6	4	12	1
Mobile feed bin from factory ducting	6	3	36	
Mobile hay racks for sheep	6	3	16	
Mouse trap	6	2	29	1
Multi-grip	6	1	29	
Nitrogen fertilisers compared	6	4	44	1
Padlock protector	6	4	31	1
Parlour doors operated by hydraulic rams	6	2	9	
Plant stress reliever spray	6	4	32	1
Plough mounted cultivator	6	4	29	
Poultry house lighting system	6	1	7	
Power clamp	6	2	34	1
Power harrow drawbar	6	2	30	
Pressure washer made with compressor	6	3	18	1
Puller - workshop tool	6	2	36	
Rad sweeper, all directions	6	2	35	1
Ramps for loader tractor	6	3	19	1
Rat baiter	6	3	16	1
Ring feeder adaptations	6	2	33	
Roller - 20ft wide folding triple section	6	3	27	
Roof replacement goes over old	6	4	30	1
Round bale wrapper	6	3	14	
Royal Show cultivator round-up	6	2	21	
RSJ frame makes workshop press	6	2	18	
Safety spoiler	6	1	28	1
Sawbench made from mower	6	4	34	1
Sawdust spreader	6	3	13	
Security tips	6	3	22	

Self-loading West Dual Spreader	6	Tel 01994 240978		
Self-propelled forager assister engine	6	Fax 01994 241279		
Self-propelled forager, built in USA	6	2	15	
Shaft monitor	6	1	35	
Shearer frame	6	2	16	
Shed modifications save space	6	3	35	1
Sheep dagging crate	6	4	35	
Silage additives tested	6	4	38	
Slurry filter	6	1	31	
Slurry spread without odour	6	2	12	
Spanner made from cap screw	6	4	7	
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Spray pre-mixer	6	4	20	
Sprayer control modifications	6	1	20	
Square feed bin	6	2	8	
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Stream barrier	6	1	12	1
Subsoiler leg protection	6	3	7	
Sun/wind generator	6	2	33	1
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Tilt ram protector on Merlo loader	6	3	10	1
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Tractor wheel aligning tool	6	4	28	
Tractor-high rise	6	3	11	
Traffic cone poultry feeders	6	3	12	
Trailed back acter & digger arm	6	3	36	1
Trailer - Multi purpose	6	3	9	1
Trailer axles hydraulically steered	6	4	28	1
Trailer lights	6	2	39	1
Trailer tips	6	1	40	1
Trailer, side tipping	6	1	27	1
Trailer, timber, has drop-down ramp	6	2	12	1
Trailer, umbilical slurry pumping kit	6	2	14	
Transport box, multipurpose	6	2	19	1
Tree felling tips	6	4	23	1
Tyre cutter	6	1	37	
Vacuum pump pipe cleaner	6	1	37	
Valve for big bag fert etc	6	3	33	1
Wash bay	6	4	18	1
Water bowser goes behind sprayer	6	4	14	
Water troughs from additive barrels	6	1	39	
Waterproofs for kids	6	3	32	1
Weed topper, 20 ft cut	6	1	5	
Wheel balancing 'on-the-go'	6	4	33	
Wheel lugs strapped on	6	4	27	
Wool sheet gadget	6	1	12	
Work bench, roll-on-roll-off	6	1	20	
Accident prevention	7	2	41	
ATV converted for disabled	7	2	7	1
ATV security and insurance	7	4	23	
Auger repair idea	7	2	20	
Bale spike has adjustable width	7	4	16	1



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Farm saved seed	7	2	14	
Feed barriers fold sideways	7	2	11	
Feed barriers have scissor action	7	4	19	
Feed barriers hinged	7	3	16	
Feed hopper shutter handle	7	3	12	
Feed rail adjusts	7	2	13	1
Feed trailer fits ATV	7	2	22	1
Ferguson high-boy	7	3	6	1
Ferguson history in collection	7	2	37	1
Fert spreader mods for trailed Vicon	7	1	29	
Filling fuel uphill	7	4	22	1
Flat rolls conserve moisture	7	1	14	
Flax - a crop with a future	7	1	39	
Folding rolls work 21 ft	7	4	9	
Footbath adjusts for sheep and cattle	7	4	29	1
Forager mounts on trailer	7	4	8	1
Ford 60 Series mod	7	4	40	
Fork-lift, trailed	7	3	18	1
Franchising	7	4	13	1
Front linkage with DIY hooks	7	3	12	
Front mounted fert spreader	7	2	15	
Front mounted silage nudger	7	1	39	1
Gasket replacement idea	7	4	11	1
Gate folds against hedge	7	3	41	
Gate hangers and eyes	7	3	30	1
Getting yourself down to size	7	4	30	
Go-karts	7	4	17	
Grain auger trolley	7	4	25	
Grain walling uses crash barriers	7	4	21	
Grass aerating nearly doubled growth	7	2	29	
Grass plate meters	7	3	25	
Hay racks use tyre and weldmesh	7	1	11	1
Holiday cottage letting	7	3	16	
Hook for telescopic handler	7	3	22	
Hydraulic oil capacity increased	7	3	39	1
Implement sale policy	7	3	15	1
Implement seat collection	7	3	22	
Industrial loader fits tractor	7	1	38	
Interest rate fashions	7	1	27	1
Irrigator pump does crops and slurry	7	4	6	
Italian farm machinery	7	2	15	
Jig saw blades	7	4	44	1
Kverneland plough wheel improved	7	4	16	1
Land drainage	7	1	12	1
Land leveller	7	2	12	1
Land Rover pedal lock	7	4	17	1
Land Rover rear bumper	7	2	26	1
Loader adapted to go higher	7	1	13	1
Loader extension	7	2	5	1
Loader given quick attach	7	1	8	1
Loader has telescopic action	7	1		
Lock for doors built-in	7	1		



Low cost financial protection	7	<del>Tel 01994 240978</del>		
Metal cutting - tungsten or cobalt ?	7	<del>Fax 01994 241279</del>		
Metric made simple	7	4	26	
Milk dump line	7	2	16	
Mobile cattle pen	7	2	18	
Mobile chalet	7	3	36	1
Mobile grain drier does 300t/day	7	1	28	
Mobile roller mill	7	2	27	
Mower adapted to top at 6"	7	3	13	
Mower spreader hoods	7	4	35	
Mudguards made from plastic barrel	7	1	38	1
NH 1905 forager adapted	7	3	38	
Pick-up hitch easy to make	7	4	11	1
Plant population calculator	7	1	16	1
Plant stress spectacles	7	1	26	
Plastic mulch winder	7	1	32	1
Post top protector	7	1	16	1
Potato trailer has conveyer	7	4	5	
Pump driven by DIY drill	7	1	30	
Push-pull yard scraper	7	3	39	
Rabbit control	7	2	23	1
Radial vs X-ply	7	3	23	
Radiator design idea	7	4	35	
Range Rover pick-up conversion	7	1	5	1
Rat baiter	7	2	17	1
Rear loader converted as 4 bale spike	7	1	19	1
Reservoir banks protected by tyres	7	1	13	1
Re-thinking farm strategies	7	3	21	
Roller greasing improved	7	2	11	
Rolls have swan neck hitch	7	3	28	
Roof scraper for asbestos sheets	7	2	12	1
Rotor cultivator	7	1	32	1
Saddle has child's attachment	7	3	36	1
Sawmill mobile and low-cost	7	2	39	1
Scour pill doser	7	1	15	
Scraper uses construction tyre	7	4	18	
Self propelled sprayer uses DB 990	7	2	36	
Sheep footbath with novel floor	7	4	6	
Sheep gate idea	7	4	19	
Sheep treatment chair	7	2	27	
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Silage additive auto-switch	7	3	11	
Silage additive pump	7	4	18	
Silage nudger	7	4	10	
Silage pusher	7	4	34	
Silage saver	7	3	17	
Silage/feed nudger	7	3	7	
Sliding door lock	7	1	12	1
Slurry stirrer extended	7	1	7	
Slurry tower stirrer control	7	4	8	
Small print in contracts	7	1	24	
Sprayer filled with exhaust pressure	7	1	10	
Sprayer front tank	7	3	29	
Spraying - optimising efficiency	7	1	44	



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Car ramps improved	8	4	33	
Cash and invoice management	8	1	34	
Cattle chute stop gate	8	2	15	
Cattle crush adapted for sheep	8	3	44	
Centreliner fert spreader stand	8	1	33	1
Climbing frame	8	4	11	
Combine earthing saves shocks	8	3	20	
Combine lights improved	8	1	17	
Combine straw spreader mods	8	3	27	
Cow mattresses	8	3	9	
Crow damage on bales reduced	8	2	38	
Crush helps belly clipping	8	2	17	
Cultivator widened, improved	8	4	44	
Cut-off attachment for 9 in grinder	8	2	39	
Dealing with major farm accidents	8	1	9	1
Diesel bowser rises for high tanks	8	3	19	
Disabled driver lift	8	4	4	
Drill bit rack	8	1	12	
Drill with front mounted hopper	8	3	42	
Drill, 6m handles by MF 6150	8	2	28	
Drill, 6m, trailed, carries 3 ton wheat	8	4	9	
Dutch harrow gets spring tines	8	1	32	
Electric fence 3 strand reeler	8	2	21	1
Electricity saving	8	4	31	1
Erecting steel buildings	8	4	21	
Farm co-ops	8	3	33	
Farm ownership and succession	8	3	13	1
Fastrac front linkage replaces weights	8	1	14	
Feed bucket design	8	2	37	
Feed bunker uses crash barriers	8	2	7	
Feeder, creep, uses hurdle	8	2	31	
Fencing wire unwinder	8	1	15	1
Fert spreader improvements	8	2	13	1
Fold up yard gate	8	2	7	
Forage wagon improvements	8	2	12	1
Ford truck makes ideal tractor	8	2	43	1
Front press uses Rabe parts	8	3	39	1
Front weight rack	8	4	5	
Gang roller covers 24 ft	8	1	16	1
Garage doors slide electrically	8	2	20	1
Garden table made from cable reel	8	1	9	1
Gate hooks	8	1	29	1
Gate trolley saves your back	8	1	40	1
Gates have special centre latch	8	4	27	
Gearbox can be retro-fitted	8	2	41	
Grain bin adapted for bucket unloading	8	2	7	
Grain deflectors for NH 1530 combine	8	2	43	
Grain dozer blade	8	1	7	
Grain pit cover	8	1	40	
Grain storage ideas	8	1	27	
Grass over-seeder uses rotaspikes	8	3	16	
Guard keeps molten metal out of boots	8	3	17	1
Gutter cleaner	8	1	36	
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Heavy rolls for heavy clay	8	Tel 01994 240978		
Hesston bale spreader	8	Fax 01994 241279		
Hiab crane on tractor 3-pt	8	2	30	1
Hole borer parking support	8	2	15	1
Hydraulic front weight	8	2	14	1
Hydraulic press designs	8	3	17	
Hydraulic pump rescue	8	1	30	
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Investing in security	8	4	23	
Jack built-in on harvester	8	1	6	
JCB pallet fork improvements	8	1	28	1
Key-way cutting in pulleys	8	4	31	
Kidd feeder belt adaptation	8	1	10	
Kite bird scarer mods	8	1	43	1
Lambing aid uses cable ties	8	2	11	
Land Rover Discovery costs	8	1	24	
Levelling tines	8	4	28	
Leyland 285 clutch solution	8	1	13	
Linseed wrapping problems solved	8	2	16	
Liquid N made at home from urea	8	3	5	
Livestock trailer from rubbish truck	8	3	30	
Loader back plate	8	3	40	1
Loader extension	8	1	11	1
Lock guard	8	1	41	1
Log splitter and trailer in one	8	4	19	1
Low load trailer has Hiab	8	4	14	1
Machinery level indicator	8	3	13	
Making identical parts	8	4	30	
Managing farming risks	8	2	35	
Metalworking machine	8	3	14	
MF 135 improved	8	2	37	1
MF 3120 make-over	8	2	44	1
MF 690 over-heating problems	8	3	43	1
Milk as fungicide	8	4	21	
Mobile fuel tank fits pick-up	8	1	42	1
Mobile generator, bowser, compressor	8	1	42	
Nissen shed features	8	4	6	1
Novel crow bar	8	3	15	
Oil technology leaps forward	8	3	25	
Outdoor pig 'radial system'	8	2	10	
Parlour modifications	8	3	10	
Pig, calf raceway design	8	1	18	
Pillar drill modifications	8	4	43	
Planning changes	8	4	22	
Play house looks like tractor	8	1	33	1
Plough press arm rebuilt	8	1	43	
Portable bowser fits on tractor front	8	2	33	
Post knocker mounts on front linkage	8	3	15	1
Potato riddle saves labour	8	4	10	
Potato web tools	8	3	41	
Protein for ruminants	8	4	25	
Quitting smoking	8	1	23	
Quota tips	8	4	26	
Rake built using two Acrobats	8	3	8	

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Risk control through insurance	8	4	17	1
Roller doors from Tesco	8	2	19	1
Roller trailer	8	1	5	1
Rolls fold hydraulically	8	4	8	
Rolls, ballast, ganged to cover 20'	8	1	16	
Roof top site for compressors	8	1	20	1
RSJ handler	8	3	27	
Sambron loaders good value	8	3	38	
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Self prop. feeder only 3 ft wide	8	1	25	
Silage clamp ramp extensions	8	3	36	
Six tips for better management	8	3	10	1
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Sky hook mounts on digger	8	3	31	1
Snack bar for cows	8	3	11	
Spare wheel for tractor trailer	8	1	21	
Splitting trolley design	8	3	41	
Spot work rates important	8	2	5	
Spray boom stretched from 12 to 18m	8	1	25	
Spray boom telescopes from 12 - 18 m	8	2	42	1
Spray insurance	8	3	6	
Sprayer tank (front) design	8	4	13	
Stirrer has crust breaker screw	8	4	26	
Taarup forager upgrade	8	4	7	1
Tax investigations	8	1	23	
Telescopic handler 'great machine'	8	1	32	
Tips from mechanics	8	1	17	
Toe tip bucket	8	3	28	1
Top links restored	8	1	33	1
Tough pipe protector	8	1	21	
Toy back-hoe for children	8	1	10	1
Tractor buying techniques	8	1	19	1
Tractor cab layout	8	2	23	1
Tractor front frame truly multipurpose	8	3	40	1
Tractor lift performances	8	1	7	1
Trailer + Hiab loader fills drill	8	4	18	
Trailer door close lever	8	4	30	1
Trailer gets skirt, stays clean	8	3	21	1
Trailer winch	8	3	20	1
Transforming unproductive soils	8	2	27	1
Transit cab made a double	8	3	12	
Tree breeding from local species	8	1	44	1
Truck compressor in workshop	8	4	33	1
Truck is 'agriculturalised' for road tax	8	3	31	
Using a chainsaw for ripping	8	1	26	
Vacuum pump silencer	8	4	15	
Vehicle running costs	8	2	11	1
Vice stand	8	2	13	
Water control better than ball-valve	8	4	30	
Water supply for rinsing spray	8	4	36	
Welding table	8	4	11	1
What to do when someone flips	8	4	32	1
Wire gate latch	8	2		
Wire unreeler winds up, pays out	8			



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Converting trucks into tractors	9	4	23	1
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Dairy water heated cheaper than electric	9	1	33	
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Drawbar rings strengthened	9	3	7	
Drill guide saves tramline muddle	9	1	38	
Dual cake feeder in parlour	9	3	20	
Dumper makes 1.5 t loader/handler	9	1	42	1
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End stacker for straw	9	3	21	
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Feed calibrator	9	2	12	
Feed passage design saves forking	9	4	9	
Feeding platform saves waste	9	4	7	
Fert spreader cover	9	1	27	1
Fert spreader hopper extension	9	3	8	1
Fert spreader mods bid aid	9	1	33	1
Fert spreader mud flap	9	4	44	1
Fire fighting on machinery	9	3	30	1
Fixed mortgage advantages	9	4	25	
Fork protectors	9	3	16	1
Front linkage uses Ritchie frame	9	4	39	1
Front loader storage	9	4	7	1
Front press uses Cambridge sections	9	1	12	1
Funding problems in farming	9	4	30	
Furrow Cracker	9	4	26	
Furrow press adaptations	9	3	19	
Furrow press uses old horse rings	9	3	7	
Gang mower for lawn	9	3	14	1
Garden drill former	9	4	8	1
Gate division for cubicles	9	2	19	
Gates open vertically	9	1	9	
Gates opened from tractor	9	1	18	1
Generator uses truck engine	9	1	10	1
Grain pedestals	9	2	43	
Grain spears	9	4	38	
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Hacksaw works with tractor hydraulics	9	1	13	
Headaches	9	2	36	
Hedge trimmer lighting board	9	1	31	1
Hinges are instantly adjusted	9	3	17	1
Hitch allows driverless towing	9	1	14	1
Honda trike mods	9	4	15	1
Horticultural harvesting ideas	9	3	26	
Hydraulic jack for trailer train	9	3	12	1

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Hydraulic step for disabled	9	3	30	
Hy-Mac loads muck	9	2	40	
Internet marketing	9	3	30	
Jack for de-mount implements	9	4	14	1
JCB Streetmaster mods	9	3	43	1
Key-ways on shafts	9	1	9	
Lambing kit box for ATV	9	3	39	
Lambing pen innovations	9	3	22	
Land Rover has lgp with 6 wheels	9	4	5	1
Land Rover rear door mod	9	4	11	1
Leveller for field and track	9	1	10	1
Livestock unit computer prog	9	2	10	
Log splitter	9	4	40	1
Maize drill is one-pass	9	4	20	
Mechanical weeding techniques	9	3	26	1
MF 500 & 600 Series gas struts	9	1	19	1
MF 565 wheel upgrade	9	3	41	1
Mobile phone masts make money	9	3	31	
Muckspreader seal	9	1	28	
Narrow gauge loader	9	4	35	1
Oil filling idea	9	4	22	
Opico grain dries mods	9	4	40	
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Permanent electric fencing system	9	4	18	
Pig board adjusts width	9	2	6	
Pillar drill gets variable drive	9	1	15	
Plant disease diagnosis	9	1	24	
Plate cooler efficiency multiplied	9	3	11	
Post knocker heavy duty	9	2	13	1
Power harrow scraper mods	9	4	21	
Power harrow sideguards	9	1	20	
Precision farming	9	2	20	
Re-seeding grassland	9	4	27	
Ring feeders make creeps for lambs	9	1	11	
Roller 26ft weighs 10 tons	9	1	30	
Roller door stabiliser	9	2	42	1
Roller folds hydraulically	9	3	9	1
Roller has weight transfer	9	4	12	1
Round baler unblocking adaptation	9	2	16	1
Royal Show report	9	2	29	
Safety trailer light	9	2	6	1
Scraper adaptations	9	4	10	
Sheep feeder loads troughs	9	3	41	
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Silage grab repair ideas	9	1	17	
Silage trailer sides 'slot-in'	9	3	6	
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Slurry pipe cleared with comp air	9	4	13	
Slurry sluice straight into spreader	9	1	11	
Slurry stirrer mods	9	2	17	
Slurry switch 100% reliable	9	2	18	
Soil sampler	9	1	29	1
Spiral staircase	9	3	11	1



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Spray tank washer adaptation	9			
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Sprayer mounts on roller	9	3	14	
Sprayer on front press	9	4	43	
Sprayer tank on front	9	4	41	
Sprayer with 24m front mounted boom	9	2	44	
Starling trap	9	1	28	1
Straw chopper improvement	9	1	6	
Straw 'dome' pulls in customers	9	1	31	
Stress and anxiety	9	1	36	
Sulphur from foliar 'inconsistent'	9	1	23	1
Temporary barrier in feed passage	9	4	9	
Testicular cancer	9	3	38	
The Farm Business Tenancy	9	1	34	
Toe-tip grain bucket	9	4	44	
Tow hitch driverless	9	2	17	1
Tractor front weight variable	9	3	21	1
Tractor weight design	9	4	16	1
Trailed cultivator uses front press	9	3	5	
Trailer cover sheets roll-over	9	4	19	1
Trailer deck uses bull pen bars	9	4	15	1
Trailer extension	9	4	40	1
Trailer has skip body	9	4	36	1
Trailer hook-up mirrors	9	4	41	1
Trip K cultivator goes behind power harrow	9	2	5	
Triple K modernised	9	3	15	
Trolley for implements aids storage	9	1	19	1
Truck-trailer conversion tips	9	2	41	1
Variable transmission pulley	9	1	15	
Vice turns, twists, grips	9	3	17	
Waste oil barrel	9	4	41	
Water troughs with no ball valves	9	1	7	
Weight frame for Ford 8360	9	3	22	1
Wet grain hopper design	9	4	43	
Wide gate design	9	1	27	1
Work platform for loader	9	3	17	
Workshop light	9	4	10	
Yard scraper self propelled using dumper	9	3	40	
Yard scraper uses garden cultivator	9	2	1	
Zero grazer made from Kidd Clipper	9	1	32	
21st century car	10	3	44	<u>1</u>
35 ft Prairie seeder	10	1	32	
A' frame handles tractor weight	10	4	14	1
A' frame makes universal attachment	10	3	26	1
A Time to Reap - Book Review	10	3	38	1
Additive applications - You write	10	2	39	
Additive tanks optimise harvest	10	2	34	
Agritechnica 2001 report	10	4	17	
Arthritis eased by carpet insoles	10	1	18	
ATV - 2metre seed drill	10	1	9	1
ATV rear linkage	10	1	8	1
ATV - self loading trailer	10	1	9	1
ATV from scrap cars	10	3	18	1

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ATV front mount drill	10	Tel 01994 8240978	1	
ATV trailer for disabled fieldmen	10	Fax 01994 241279	1	
Automatic milking - Farmworld	10	1	24	
Avoiding annuity trap - Farmworld	10	2	22	
Avoiding workshop accidents - health & the farmer	10	3	39	
Back hoe hydraulics	10	3	46	1
Bale accumulator handles 40 bales	10	2	31	
Bale elevator new specs	10	2	5	
Bale handler - Super-strong	10	1	11	1
Bale handler adapts to tyre carrier	10	3	10	1
Bale wrapper - roll changing made easy	10	2	32	
Bale Wrapper - uses hydraulic flow divider	10	2	46	
Ballast roller 16ft wide	10	1	6	1
Batch weigher	10	2	9	
Bathroom sealer prevents rim leaks with tubeless tyres	10	1	12	
Flashing beacon attached to cab roof with chain	10	1	44	1
Beaver tail trailer	10	4	11	1
Big bale - powered transporter	10	1	40	1
Bike computer measures farm work	10	3	14	1
Blood clots - Health and the Farmer	10	2	37	
Buck rake handles silage bales	10	2	15	
Bucket extension	10	3	15	1
Bulk tanks - Redundant equipment ?	10	4	29	
Business Plan, Proposals & Marketing	10	4	33	
Calf pens turn into mini cubicles	10	1	37	
Caterpillar engine gives slurry the wellie	10	1	42	
Caustic solution kills smells	10	3	26	1
CD's scare birds	10	4	12	1
Chains - handling made easy	10	3	20	1
CJD out of proportion ? - Farmworld	10	2	29	
Cog replacement - You write	10	1	31	
Colour coded hydraulic couplers	10	3	25	
Combi drill handles trash	10	2	19	
Combine Auger - Light	10	2	47	
Concrete buster saves hiring costs	10	1	16	1
Confronting employees - Farmworld	10	2	27	
Contract straw comber has 7 month season	10	4	5	
Contracting Clauses - Financial Notice Board	10	2	35	
Cool boots - You write	10	1	31	
Council dozer blade great for grain	10	2	18	1
Cow grooming - uses road brush	10	1	16	
Cow mats from conveyor belts	10	3	23	
Cow prices will leap next Spring - Farmworld	10	2	27	
Cows get the water they want	10	1	40	
Crane attached to loader	10	2	8	1
Crash barriers make mobile fence panel	10	4	10	1
Crush with rubber sides	10	2	40	
Cultivator - drill impressive performance	10	4	46	
Cutting vice saves time & toes	10	2	7	
Dagging shears re-sprung	10	4	11	
Dairy groups - same old mistakes	10	3	34	
Debt management companies - Farmworld	10	2	26	
Diesel costs bite	10	3	31	
Double bale stacker - slip on spike	10	1	27	1

Dowdeswell Plough turns without hiccup	10	<del>Tel 01994 240978</del>		
Drawbar - Self tracking - Farm Walk	10	Fax 01994 241279		1
Drill lever	10	3	16	
Dual spreader bearing problems	10	4	16	
Electric boot cleaner	10	1	28	1
Electric fence - pest control	10	3	8	
Extension bar tows van	10	1	41	1
Farm shed was a long way up	10	3	47	1
Farm workshop & spanner skills - Farmworld	10	1	19	
Faster grass pick up	10	1	10	
Feed troughs from roof capping	10	3	12	
Feeda-Shifta does no damage	10	4	15	
Feeder from oil tank	10	4	45	
Ferret finder pin-points drain blockages	10	1	17	
Fertility problems - Farmworld	10	2	22	
Firewood bins	10	1	7	1
Flame weeder does 12 x 30in rows	10	1	36	
Foot and Mouth consequences - Financial	10	1	29	
Forklift gives loader another 9ft	10	3	17	1
Frame carries weights	10	3	5	1
Free marketing trial on website - Farmworld	10	1	19	
Front - end loader on the move	10	4	47	1
Front A frame - quick attachment	10	2	48	1
Front mounted press ideas please - You write	10	1	30	
Front tank from scrap sprayer	10	4	48	
Fund Managers are overweight	10	2	36	
Garden rake tidies straw	10	4	12	
Getting the most from your accountant	10	3	37	
Glass protector	10	1	41	1
Grassland machine from vineyard tractor	10	3	26	
Grease gun holder	10	1	44	
Groundhog - cheap farm transport	10	1	10	1
Harrow and roll at the same time	10	3	10	
Harvester has pickers at veg level	10	1	13	
Hay rack converts to hopper	10	4	31	
Helping get forage crops right - Farmworld	10	1	23	
Home made playground	10	3	19	1
Hunting prints make market	10	3	36	
Hydraulic check chains	10	2	13	
Hydraulic door improves trailer	10	4	47	1
Hydraulic lift - great for backs	10	1	15	
Ideas - 7 years old used today - You write	10	2	39	1
Insurance sales talk - Farmworld	10	2	23	
Integrated Autumn work - Farm Walk	10	2	43	
Internet fraud - Farmworld	10	2	25	
Jump trailer carries the course	10	1	35	1
Keeping costs under control - Farmworld	10	2	26	
Knee damage reduced	10	3	9	
Land Rover - new life	10	2	11	1
Loaders maximise capability	10	3	45	1
Log splitter - has foot control	10	4	31	1
Log splitter packs punch	10	2	10	1
Log splitters - self powered	10	4	30	1
Logging machine	10	3	47	1

Lorry chassis makes hay trailer	10			
Machinery men think amenity - Farmworld	10			
Machinery sharing - Farmworld	10	2	22	
Maize price lifts - Farmworld	10	2	30	
Making the most of muck	10	1	21	
Manhole cover lifter	10	2	40	1
Manitou bucket - Rubbish collector	10	3	30	1
Man-powered handler carries 75kgs	10	1	8	1
Massey has blinkers	10	3	44	1
Massey mirror improved	10	3	13	1
Medical Insurance	10	4	37	
Mesh floor for shearing pen	10	3	21	
Milk pump - hydraulic power	10	2	12	
Milking parlour - extra strong exit gates	10	1	39	
Mower cuts & spreads in one go	10	1	38	
Multi-function drill - Farm walk	10	2	41	
Music while you work - You write	10	2	39	1
Mutli-stage cultivator - Farmworld	10	1	23	
Needles get corked	10	4	10	
Nozzle protector	10	3	29	1
OPs have no substitute - Farmworld	10	2	28	
Pallet fork makes simple bale spike	10	1	13	1
Pallet stacker	10	3	9	1
Parlour doors - Automatic	10	3	21	
Parmiter cultivator - updated	10	3	11	
Computer trouble shooting	10	1	30	
Pensions - Investing for the future	10	4	28	
Pensions - Sipps	10	3	35	
Pick up makes sprayer	10	2	17	1
Poly-tunnel calves	10	1	38	
Swimming pool made from Hesstons	10	3	29	1
Post antibiotic era - Farmworld	10	2	30	
Post banger - 25 year old	10	4	46	1
Post knocker slides along wire	10	1	27	1
Potato irrigation - Farmworld	10	2	28	
Potatoes - tines lift and aerate heavy land	10	1	15	
Power hacksaw	10	2	11	
Pre-mixer cuts turn round time	10	1	11	
Producers get declining shares	10	3	36	
Profi - Book Review	10	3	38	1
Push-along Adavex applicator	10	1	9	
Raising air tool performance	10	4	28	
Ramps - for tractors	10	2	8	
Rape header improves performance	10	2	9	
Remote control crush gate	10	3	27	
Remote tractor monitoring - Farmworld	10	1	25	1
Remove tractor keys !	10	4	29	
Replacing old grass - Farmworld	10	1	25	
Retirement relief axed	10	3	35	
Ring feeder opening gate	10	3	23	
Ring feeders lifted without damage	10	3	25	
Roll-about roller supports steel	10	1	12	
Roller mill improved	10	4	45	
Rope stops cows exploring	10	1	14	

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Round bales roll into sheep feeders	10	2	24	
Russia looks for farmers - Farmworld	10	2	24	
Rusty ram pistons repaired	10	4	12	
Scoop handles shavings	10	4	16	
Sealant guarantees puncture-free life	10	4	28	
Seeder uses scrap Massey drill	10	1	14	
Shredder - improved	10	2	47	
Side supports steady trailer - Farm walk	10	2	42	1
Site mixer gets second life	10	4	48	1
Slurry mixer swivels in novel frame	10	3	7	
Small scale leaf harvesting - You write	10	2	39	
Spreader units rebuilt	10	1	43	
Spring compression tool	10	2	18	
Spring Tine saves time & moisture	10	2	14	
Square wheels of the 1930's	10	4	29	1
Squatting - the 12 year rule	10	4	27	
Staggered axles improve trailer performance	10	3	15	1
Stock shrinkage in workshop - Farmworld	10	2	29	
Stone box on snow plough mounting	10	3	48	1
Stone rake	10	3	28	
Strimmer powered scooter	10	3	18	1
Syringe oiler	10	3	20	
Tailings container	10	2	34	
Tanker cleans concrete	10	3	48	
Tetra Pak breakthrough - Farmworld	10	2	25	
The Construction show - Farmworld	10	1	26	1
The damage done by docks - Farmworld	10	1	20	1
The Last Horseman - Book Review	10	3	38	1
The real face of farming - Farmworld	10	1	22	
The Weed Wacker	10	4	32	1
TM 165 workshop diary	10	4	27	
Tomatoes - Self watering	10	2	7	1
Topper - Cuts & rakes in one go	10	2	33	
Topper belt - wear reduced	10	2	14	
Tractor bonnet adjusted for loader	10	2	13	1
Tractor spike - safe design	10	2	12	1
Trailed back hoe unit	10	2	16	1
Trailer from truck components	10	3	30	1
Trailer side-sag cured	10	2	6	1
Trailer uses scrap tanker axles	10	3	46	1
Trailers - Rear light improvements	10	1	12	1
Tramline marker on roller - Farm Walk	10	2	45	
Transit fitted as mobile workshop	10	1	35	
Trough cleaner	10	3	13	
Trough feeder - mounted on loader	10	2	48	
Tractor for the developing world	10	4	13	1
Tuberculosis - The causes & cures- Heath	10	1	33	
Umbilical slurry kit adapted	10	1	42	
V8 powered harvesters	10	4	8	
Vicon Varimeter problems - You write	10	1	30	1
Volvo loaders	10	3	43	1
Washer holder	10	2	10	
Watch out for the con-men - Farmworld	10	1	22	
Weed wiper trailer	10	3	24	1

Wellies - Re-cycled	10	28	1
Wheels improve skid mowers	10	15	
Wide Load - Slows motorists down	10	2 47	1
Wide maize rows USA results - Farmworld	10	2 26	
Wine corks make emergency ball valve seal	10	1 17	
Winter speaker needed - You write	10	2 39	1
Wool sheet closing tool	10	2 34	
Workshop crane find many uses - Farm Walk	10	2 45	
Workshop door - toughened	10	1 6	
Workshop intercom	10	3 45	
Yard scraper & bale spikes get quick change	10	4 14	
Zig-zag Harrow	10	1 5	
5 gal hopper holds turnip or clover seeds	11	4 14	
Accountants add up woes - Farmworld	11	2 20	
Accounting costs set to rise - Farmworld	11	3 26	
Adjustable front extension to carry extra bales	11	1 18	1
Air line goes around building for quick inflation	11	3 10	
Alternative investments - Farmworld	11	1 24	
American Tractors	11	2 48	1
Artic unit converts to bale trailer	11	3 42	1
ATV trailer from scrap oil tank	11	2 15	1
Auger dresses seed saves £££'s	11	3 16	
Backing gate like moving wall	11	1 10	
Bale carrier is universal carrier	11	1 33	1
Bale strap stays in place	11	4 30	1
Banking alternatives - Farmworld	11	3 27	
Barley beef makes sense - Farmworld	11	2 20	
Bath & West winners - Farmworld	11	2 23	1
Benefits of taking own advice - Farmworld	11	3 24	
Beware Independent stock market tips - Farmworld	11	3 27	
Bio-diversity important yet - Farmworld	11	1 21	1
Blade changer's mate for power harrows	11	4 45	
Block wall gets make over	11	2 10	1
Borrowing money - Financial notice board	11	2 33	
Boulder Lifter	11	3 9	1
Bout marker uses fire extinguisher	11	4 11	1
Bread tray makes good 'bits holder' on loader	11	1 33	1
Building another business - Farmworld	11	1 30	
Buying habits add costs - Farmworld	11	2 22	
Buying milking parlours by the dozen makes saving	11	3 46	
Calculator for diet feeder saves costs	11	4 7	
Calf rearer has 30 teats	11	4 8	
Calf rearing in poly tunnel	11	4 8	
Cambridge roller 42ft - cut costs	11	3 40	
Car boot bargains - Farmworld	11	1 29	
Car lift makes exceptional workshop bench	11	3 16	
Car spring makes tricky seat	11	3 18	1
Caulis packed quicker with farm built packer	11	4 5	
Causing a racket costs a packet	11	4 23	1
Changing the 4 x 4	11	4 20	
Chasing in on reclaimed - Farmworld	11	1 26	
Chinese farmers find it tough - Farmworld	11	1 28	
Civil service which can get things right - Farmworld	11	1 29	
Clean oil as you go	11	2 26	

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Clevis for trailers goes on fork lift	11	Tel 01994 240978	1	
College creations from Myerscough College	11	Fax 01994 241279	1	
Combine spares	11	2	44	
Compressor for hay and straw	11	3	30	
Contractors needn't have big tacke-Farmworld	11	1	21	
Crane loaded minimat drill	11	1	8	
Crank handled shovel takes the strain	11	4	38	1
Crash barriers protect yard walls	11	2	17	1
Cultiterra conversion	11	4	43	
Cultivator inserted between tractor & Accord drill	11	1	44	
Dairy innovations provide major cost control - f/walk	11	3	45	
Dairy trade goes global - Farmworld	11	2	21	
Danish wind farms run out of puff - Farmworld	11	3	22	
Dental costs - Health & the farmer	11	2	37	
Diabetes - Health and the farmer	11	1	41	
Diet feeder Calculator	11	4	7	
Dirty water disposal	11	3	47	
Divorce - financial considerations - Financial	11	3	33	
Dog-proof latch	11	1	19	1
Double roller cuts boredom factor	11	1	17	
Drain pipe handler fits on trailer	11	3	30	1
Drain pipe problems solved	11	1	8	1
Drain pipes protect corners	11	2	17	1
Drill/subsoiler combination used for rape & beans	11	3	17	
Drink & Drug problems - Health & the farmer	11	4	34	
Economist Intelligence Unit - Farmworld	11	3	21	
Effective No parking sign	11	2	9	1
Einbock harrows fall apart	11	2	18	
Environment Agency advice for sheep dip - F/world	11	3	23	
Ewe stays still with blindfold	11	2	9	
Executors take hefty slice- Farmworld	11	3	28	
Extendable electric fence works on gravity	11	3	41	
Ex-urban man revealed - Farmworld	11	3	20	
Fake allergy fears - Farmworld	11	4	19	
Farmer bids £12.5bn for competitor	11	4	21	
Farmers Markeks can generate cash - Farmworld	11	3	22	
Farmers market logo from school	11	2	46	
Farming hobbies & hobby farming - Farmworld	11	3	19	
Fast fill for fuel bowser	11	2	13	1
Fastrac bargain less interesting - Farmworld	11	1	22	1
Feed trailer for two jobs	11	2	41	
Feet free feeder for sheep and goats	11	2	42	
Fencer unit that won't move	11	1	9	
Fencing "tidy" is ready for work	11	4	14	1
Fergie cab from spare parts	11	2	42	1
Folding gate makes reliable divider for cow yard	11	3	39	
Fold-out work bench	11	1	7	
Foot powered paring	11	2	18	
Foot trimmer for sitting down	11	2	43	
Footbath for ewes	11	1	13	
Forklift easily handles big bales	11	1	9	1
Free range egg production - weighing it up	11	4	21	
French hay gets AOC status - Farmworld	11	3	19	
French presser harrows make seedbeds	11	4	37	

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Fridge makes perfect store for welding rods	11			
Gate drive gets low cost repair	11			
Gate fastener uses chain	11	4	15	1
Generator access	11	2	41	1
Generator makes mobile power plant	11	4	10	1
Getting on tracks and off wheels	11	1	45	1
Grain to firm in 2002 - Farmworld	11	2	21	
Grass spiker raker raises plant health	11	3	39	
Guide to sharing farm equipment - Financial	11	1	37	
Hand powered dolly moves heavy kit	11	4	29	1
Handy vice stand	11	4	14	
Hedgecutter improved by novel extension	11	3	13	1
Hoarding Insurance certificates - Farmworld	11	3	20	
Hollow Swap can help you accounts - Farmworld	11	1	25	
Home built chisel plough	11	2	17	1
Hopper - 5gal holds turnip or clover seeds	11	4	14	
Horsch 9m drill gets make over	11	3	11	
Hose hanger	11	3	18	
How to double your salary - Farmworld	11	3	27	
Hydraulic drive for weed wiper	11	1	14	
Hydraulic slurry pipe handler simplifies job	11	3	32	
Hydraulic top link improves front linakage	11	2	10	1
Hydraulic top links faster, safer	11	4	16	1
Ice bank water circulates in plate cooler	11	2	11	
Implement trailer carries bales as well	11	3	8	1
Italian grass harvester	11	2	32	
Kennel gets 5-star treatment	11	4	12	
Lamb reviver uses tractor rears	11	1	32	
Leveller works on tracks and field	11	4	13	1
Life insurance rates fall - Farmworld	11	3	25	
Lite-Lift takes the strain	11	4	38	
Loader bucket handles D1000 bale	11	1	15	1
Long life PTO guards development	11	4	37	1
Low loading trailer lifted by tractor 3-pt	11	4	42	1
Making use of capital losses - Farmworld	11	1	25	
MF gets bull bar	11	1	32	1
Milk churn trolley handles welder	11	4	15	
Milk pipe reminder makes certain it's in the tank	11	2	7	
Mobile pen holds forty yearling cattle	11	4	12	
Molasses dispenser fits into Sheargrab	11	1	43	
Moving cash to maximise interest rates - Farmworld	11	1	24	
Non-slip jack	11	4	44	
Novel weight bracket for Massey loader	11	1	20	1
Oil coolers maintain hydraulic performance	11	1	36	
Oilseed rape sown behind combine	11	3	5	
Once a day milking - Farmworld	11	1	23	
Overheating engines - Farmworld	11	4	17	
Painful terminology - Farmworld	11	1	26	
Pasture scratcher claims big results	11	3	44	
Pens made from bale feeders	11	1	11	
Phone holder on can upright	11	4	11	1
Pins made from coach bolts	11	4	14	1
Plastic problems need solution	11	2	7	
Post and timber store	11	1	44	1



Post hole borer to beat all others	11	Tel 01994 5240978		1
Potato box shifter gives big time savings	11	Fax 01994 241279		
Poultry litter leveller extends litter life	11	3	31	
Press tool has 40 ton power with two bottle jacks	11	3	15	
Pressure harrow modified to make seed bed tool	11	4	47	
Prize winning fertilizer system gives big savings	11	2	5	1
Quick attach loader hitch for MF50 digger	11	1	11	1
Quicke loader adapted to hydraulic quick attach	11	4	16	1
Radiator filter keeps rad debris free	11	4	28	
Rampless trailer for livestock	11	2	30	
Rat poison box	11	4	11	1
Rear warning signs are helpful	11	3	18	1
Rear weight adusts	11	2	15	1
Re-built lime spreader throws 12m	11	2	16	1
Reeler uses Taskers gears	11	3	48	
Register your land - Farmworld	11	2	22	
Repairing heavy damage to tyres	11	2	47	
Ridger Tines	11	3	9	
Riding school area conditioner	11	3	31	1
Road sign fits into mobile frame	11	1	15	1
Royal show needs more stands and less grass	11	2	29	
Sack labelling made easier	11	4	30	
Safety valve gizmo	11	3	48	1
Sealed bearing stops knotter problems	11	1	36	
Sexed semen becomes commercial - Farmworld	11	2	23	
Share tipsters - winners & losers - Farmworld	11	1	26	
Shaving seed costs - Farmworld	11	2	24	
Shear bucket has fold-back base plate	11	2	30	
Shearing trailer folds up in minutes	11	1	12	
Sheep snacker from oil barrel	11	1	34	
Short lades for round bales	11	4	15	
Sick note syndrome and how farmers can deal with it	11	4	25	
Silage gets subsidy - Farmworld	11	2	20	
Silage nudger or snow plough	11	2	14	
Silage nudger uses super single	11	1	16	
Silage pusher levers feed blocks	11	4	38	
Silage pusher uses bale spike	11	2	14	
Simple ingenuity improves tractor 3pt	11	4	12	1
Slug pellets get mixed with special hopper	11	4	48	
Slurry management	11	3	47	
Slurry separation	11	4	40	
Snacker feeder comes from Alfa parler	11	4	36	
Socks keep diesel from freezing	11	3	18	
Space saver for yard	11	4	13	1
Spanner set gives two of everything	11	4	39	
Split water troughs now watertight	11	1	10	
Stacker handles four quad bales at a time	11	3	14	
Starlings brought under control	11	1	16	1
Starlings kept out of feed hoppers	11	2	12	1
Starting problems - simple cure	11	4	40	
Steel span buildings	11	2	39	1
Stirrer modifications look doubtful	11	2	11	
Stone solutions	11	3	9	1
Strains & sprains - Health & the farmer	11	3	37	

Strategy for spares - Farmworld	11	Tel 01992 240978		
Subsoiler modification makes ideal tramline restorer	11	Fax 01994 241279		
Subsoiler/drill combination used for rape & beans	11	3	17	
Swivelling headlights	11	2	40	1
Tailings collector gives a mess-free harvest	11	3	8	
Taking a chance with safety - Farmworld	11	2	19	
Tax allowances and insurance claims - Farmworld	11	3	25	
Telegraph pole makes great gate catch	11	1	35	1
Tips for better writing - Farmworld	11	1	30	
Tips from building specialist - Farmworld	11	1	27	1
Top link securer	11	1	32	
Tote bage dispenser	11	1	34	1
Tractor data from Germany - Farmworld	11	1	28	1
Tractor replacement, new used or hire	11	4	31	
Tractor tyre removing machine	11	3	30	
Trailer auger is nifty drill filler	11	4	46	
Trolley takes the load off	11	1	18	1
Tungsten Breathrough in earth wearing parts	11	4	26	
Tyre store takes the pain out of sheeting	11	1	19	
Tyre tips to save pounds - Farmworld	11	2	24	1
Uncomplicated parlour has few Hi-tech distractions	11	3	45	
Unimog tail lift solves loading problems	11	2	8	1
Wash bag for lambing ropes	11	1	20	
Watery mouth - management - Farmworld	11	4	18	
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Tools get taped to prevent loss	12	2	8	
Rear weight adjusts to balance front load	12	2	9	1
Calf milk system cuts time and cost	12	2	9	
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Building is clad using lorry tarpaulin	12	3	29	1
Flat eight grab brackets fitted to maximise lift height	12	3	29	1
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Barn has straw stored on outside, hay in the centre	12	3	30	1
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Power harrow headstock with lifting tubes	12	3	47	
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Winder for load straps helps safety, prevents strap damage	12	4	6	1
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Post bases protected against corrosion, rusting	12	4	10	1
Cattle stopped from throwing hay, silage around when feeding	12	4	11	
Stainless steel troughs made cheaper than galvanised	12	4	1	
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Cubicles have car tyre rails for comfort, cow safety	12	4	14	
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Round bale accumulator carries 3 bales	12	4	43	1
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Bamlett coulter holders get low cost re-vamp	12	4	44	
Water bowser has spray mixer unit on back for fast turn-round	12	4	45	
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Loader extension lifts bales extra 4 - 5ft	13	1	7	1
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Handler for Hesston bales carries three at once	13	1	8	1
Rear tractor weight made with scrap water tank	13	1	8	1
Disused bulk milk tanks makes useful spray bowser	13	1	9	
Electric fence stake has tyre / concrete base	13	1	9	
Calf cart moves them across yard easily	13	1	9	
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Ewe and lamb turn-out trailer carries 25	13	1	10	
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Home built sequential bailing system in parlour increases throughput	13	1	43	
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Squash bottle protects tank filler from dirt	13	2	10	1
Drawbar holder for NH TL100 range	13	2	10	1
Trailer brake coupling made universal with adaptor	13	2	10	1
Hand washer on tractor works better than a clump of grass	13	2	11	1
Front mounted mirror on tractor reveals oncoming traffic	13	2	11	1
Front box on tractor carries chains, makes workbench, protects grill	13	2	11	1
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Tractor tool box holder mounts on step inside cab	13	2	12	1
Tractor beacon light attached by safety chain	13	2	12	1
Front end loader fitted with working lights	13	2	13	1
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Loader joy stick control mounted on seat to make easier, safer operation	13	2	13	1
Motorised gas cutter cuts in straight line	13	2	14	
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Sprayer frame strengthened - still working after 100,000 acres	13	2	40	
Low loader trailer design has twin ram set-up with auto-locking stay	13	2	41	1
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Claas Markant baler gets additional twine box for longer hours	13	2	47	1
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Flex holder on KRM drill protects expensive control wire	13	2	48	
Round bale transporter lifts and carries in single operation	13	3	5	1
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Simon bed former adapted to apply fertiliser and spray pre-emerge	13	3	6	
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Sheep snacker trailer drops feed in measured heaps	13	3	9	
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Car lift makes inexpensive servicing aid	13	3	10	1
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Concrete pipe handler makes laying 12in dia pipes easy	13	3	12	1
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Front mudguards for MF 399	13	3	13	1
Neat board helps inner tube repairs in workshop	13	3	13	
Sheep handcart carries ewe and lamb, saves time, hassle	13	3	14	
De-mount container makes perfect mobile workshop for contractor	13	3	14	
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Rear tractor wheel trolley uses bottle jack to provide micro adjustm	13	3	15	
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Drawbar support on tractor handles heavy loads, prevents flexing	13	3	44	1
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Lighting system on US Case shows innovation	13	3	45	1
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Simba Mono modifications improve performance, cut diesel costs	13	3	46	
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Silage transfer wagon loads fieldside truck for long haulage	13	4	6	



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Collecting yard walls made from crash barriers	13	4	9	
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Wire unwinder for barbed and tensile fits on Land Rover hitch	13	4	10	1
Belt drive replaced with chain for reliability, positive drive	13	4	10	
Cattle loading ramp improves carcass quality, reduces loading time	13	4	11	
Breton crash barriers make cattle race	13	4	12	
Electric fence stakes make useful bout markers for fertilising, spray	13	4	12	
Spring loaded levellers improve roller performance in seedbed	13	4	13	
Feeder moved with foreloader, handler with added top bar	13	4	13	
Yard scraper fitted with rubber bumpers to prevent damage	13	4	13	
Crash barriers make troughs, divisions in cubical house	13	4	14	
Gas bottle used ot make novel cattle drinking trough	13	4	14	
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Wind powered electric system for remote buildings, energy saving	13	4	17	1
Top design bull pen with big safety features uses crash barriers	13	4	20	
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ATV cab made with quality PVC keeps driver warm and dry in all w	13	4	23	1
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Concrete weight improves Parmiter disc harrow performance	13	4	45	1
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MB Trac has de-mount fertiliser spreader	13	4	47	1
Bale handler licks up round bales in three ways, improves stacking	13	4	48	1
30ft Cambridge roller has lateral folding design for safe transport	14	1	5	
Hydraulic cutter for steel sheet works like giant nibbler	14	1	7	
Dump trailer has heavy gauge smooth body, tubular chassis	14	1	8	1
Steel sheet bending machine is home made, handles 2.5m lengths	14	1	9	
Hydraulic press is versatile with interchangeable tools	14	1	10	
Hydraulic tree grabber simplefies hedge thinning	14	1	11	1

Water tank gets internal syphon for easy conversion	14	Tel 01994 240978		1
King Hitter post knocker modified with flexi-arm for quick adjustmer	14	Fax 01994 241279		1
Electric powered wheelbarrow drives up slopes	14	1	14	1
Lamping set-up for pick-up truck makes for easy shooting	14	1	15	1
Round baler has adapted additive machine with auto turn-off at swa	14	1	16	1
Trailer hand brake linked to tractor for better safety	14	1	18	1
Suspended scaffolding fits in window	14	1	18	1
Wind and solar battery chargers for electric fencers	14	1	19	
Crash barrier fencing makes farm yard stock proof	14	1	20	
Soil leveller is also used to level concrete when it's being layed	14	1	20	
Sheep feeding barriers fit where cattle barriers normally go	14	1	21	
Bracken control machine works by damaging fronds	14	1	21	1
MF 165 is modified for disabled driver - steps, floor and seat	14	1	22	1
Cart moves Hesston and D1000 square bales for easy bedding	14	1	23	
Auto lubrication for round baler chains	14	1	23	
Radiator fan has reverse pitch for simple cleaning	14	1	24	
Moving roosting birds with a laser beam	14	1	24	1
Planning law and retrospective applications	14	1	25	
Direct debit payment of utility bills has dangers	14	1	25	
Designing vehicles to suit an aging population	14	1	26	
Chinese truffles muscle in on traditional suppliers	14	1	26	
2005 budget poses problems for farming families	14	1	27	
Tractor power system on CNH TS-A models give less on draught w	14	1	27	1
Intermediate Technology Group becomes Practical Action	14	1	28	
Levy Boards get review - readers should voice opinions	14	1	28	
Land Registry goes for e-conveyancing	14	1	29	
The disappearing farming ladder	14	1	29	
Land Tax idea 'can't be buried' says top economist Sam Brittan	14	1	31	
The partnership between supermarkets and government	14	1	31	
The escalating cost of parts of modern machinery	14	1	32	
Farm subsidies go to the rich and famous, not working farmers	14	1	32	
Farm Planning in Uncertain Times - Financial Focus	14	1	33	
Health problems associated with hydraulic and other oils going thro	14	1	36	
Trailed snacker has divided hopper and feeds in piles	14	1	40	
Lambing pen watering system uses poly drain piping	14	1	41	
Slurry stirrer works vertically in deep, small pit	14	1	42	
Straw chopper made from scrap parts	14	1	43	
Trailer with hinged deck loads implements, lifts loads	14	1	44	1
Sheep trough design cuts feed waste	14	1	45	
ATV mounted transport box fits on mounting frame	14	1	46	1
Cambridge roller is carried on 3-pt linkage	14	1	47	
Cattle crush has opening sides for easy belly clipping	14	1	48	
Grassland cultivator breaks compaction, improves drainage	14	2	5	
Ready-mix 3.5cu m unit mounts on scrap silage trailer	14	2	7	1
Hitch fits on Manitou loader arm for tight manoeuvring	14	2	8	1
Stirrer bearing made from oak log	14	2	9	
Logging bench has ratchet strap to hold logs steady	14	2	9	1
Drill bit sharpening jig matches bench grinding wheel	14	2	10	
Mini round bale feeder fro horses, sheep	14	2	10	
ATV mounted sprayer is used on trolley	14	2	11	1
Gas bottle trailer uses redundant mobile milk tank chassis	14	2	11	
Straw bedder fits on 3-pt - takes all large bales	14	2	12	
Costly cultivator - MF type 39 - heavy on tines	14	2	13	
Reinforced skylight	14	2	13	1

Straight edge grinding guide tool	14	<del>Tel 01994 240978</del>		
Low cost vice clamp for pillar drill	14	<del>Fax 01994 241279</del>		
Gouging tool sharpener jig holds tool at correct angle	14	2	14	
Farm quarry beats aggregate tax, makes reasonable concrete	14	2	15	
Toll cleans out blind threadings that have rust / paint	14	2	15	
Adapted rotavator buries stones for fine seedbed	14	2	16	
Mustard makes good soil conditioner for subsequent herd crop	14	2	17	
High reach extension on loader stacks round bales six high 24 ft	14	2	18	1
Solar building kiln dries timber with no additional heat source	14	2	19	1
Mobile phone is used as a monitor for irrigator reeler	14	2	20	1
Diesel fuel tank has a bund made from a scrap trailer	14	2	20	1
Workshop vacuum uses 40gall drum as collector	14	2	21	
Grease cartridges are filled from bulk barrel with neat adaptor	14	2	21	
veterinary syringe is used as a delicate oiler	14	2	21	
Saw mill adds value to farm timber	14	2	22	1
Trailer side re repaired and strengthened with neat design	14	2	23	1
Back acter digger is mounted on a Rotaspreader chassis	14	2	23	1
Trantor becomes the tractor in India and other markets	14	2	24	1
Min-Till drill summary - Simba, John Dale, Weaving and made it my	14	2	25	1
Selecting farm machinery - the need for in-depth approach	14	2	26	
Tips on fuel saving	14	2	29	
Steps to prevent being the victim of fraud	14	2	31	
Holiday homes provide generous tax breaks	14	2	32	
Being an executor - tips on probate applications, deeds of variation	14	2	34	
Health and the sun - research shows it's good for you	14	2	37	
Water mist stops flies getting into milking parlour	14	2	39	
Jacking removable trailer body adds safety, cuts effort for one man	14	2	40	1
Using electric fencing around the cattle yard - novel designs	14	2	41	
Maize crop drilled with standard Vaderstad cuts costs, gives good c	14	2	42	
Novel head rail to stop cows getting stuck in cubicles	14	2	42	
Potato boxes are used as mobile stores for cattle feed	14	2	43	
Old diesel tank makes useful ATV trailer, plus a work platform	14	2	44	1
Removable rsj gate post socket	14	2	45	1
Treatment crush and AI stalls	14	2	45	
Fast tractor filling with 2in dia pipe from diesel tank	14	2	46	1
Workshop storage idea uses 25l containers cut in half	14	2	47	
Steel penning rails adjust without using spanners or other tools	14	2	48	
Deep cultivator restores compacted Min-Till soils	14	3	5	
Grass harrows are fitted with all hydraulic frame for top performanc	14	3	7	
Bale transporter carries 240 conventionals without needing a load	14	3	8	
Concrete mixer is self loading, fits on Matbro	14	3	10	1
Inexpensive 8in guttering is made using water piping	14	3	11	1
Ratchet strap winding tool saves time and straps	14	3	12	1
Trailer mounted stone / soil sieve provides aggregate at minimal co	14	3	13	1
Bobcat skid steer has mounted mower	14	3	14	1
Feed bin chute adapted for direct loading snacker	14	3	15	
Gate lock is made rattle free	14	3	15	1
Down pipe protector uses crash barrier sections	14	3	16	1
Adapted garden fork is top weeder for deep-rooted thistle, dock and	14	3	16	1
Loader bucket is carried on trailer for safety	14	3	17	1
Sump oil filler is made from fire extinguisher	14	3	17	
Bale trailer design uses scrap muck spreader	14	3	18	1
Saw horse made from muck spreader slats	14	3	19	1
Round baler is fitted with pick-up ring - prevents drawbar pin draggi	14	3	19	1

Radiator cleaning tool direct water jet so vanes aren't damaged	14			
Silage trailer is converted into top dumper	14	3	21	
Electric short finder tool uses blown fuse	14	3	21	
Fitting brake on baler wheel adds to safety on slopes	14	3	22	
Bale squeeze handles two wrapped silage bales at a time	14	3	23	
Spray mixer tank reduces turn round time for sprayer	14	3	24	
Saving on equipment hire through Hire Network	14	3	24	
Solar fencing unit made using golf trolley	14	3	25	
Radiator leaks are fixed with silicone method	14	3	25	
Micro factory makes parts from bespoke internet design	14	3	26	
SIPP pension fund scandal 'waiting to happen'	14	3	27	
Material density 'how heavy is it?' table covers coal to slurry to steel	14	3	27	
Global milk trends show opportunities	14	3	28	
Colour coding for scrapie	14	3	28	
Mother's pension benefits reduced through her mistake	14	3	29	
Sprung drawbar designs	14	3	31	
Joint health, cartilage and knee replacement	14	3	33	
The financial and other problems in commissioning a web site w	14	3	36	
2005 Irish Ploughing match	14	3	38	
Stone rake shown at Irish Ploughing 2005	14	3	38	1
Leveller shown at Irish Ploughing 2005	14	3	38	1
Power link box shown at Irish Ploughing 2005	14	3	38	1
Tipping silage bale carrier shown at Irish Ploughing 2005	14	3	38	1
Tipping skip shown at Irish Ploughing 2005	14	3	39	1
Canted feed barriers preferred by cows	14	3	40	
Link box is converted into calf transporter	14	3	40	
Head yokes improve calving box for cow and cowman	14	3	41	
Post driver fits on loader for quick attachment	14	3	42	1
Loader crane reaches 18ft	14	3	42	1
Bale spike is designed to make for high stacking	14	3	43	1
Feed barrier is adjusted for calves with ratchet strap	14	3	43	
Calf feeding trough is a gate mounted - could use wide gutter section	14	3	43	
Silage nudger works on either left or right side of tractor, forward or	14	3	44	
Grass tine bar fits on front of roller and so spreads and levels before	14	3	44	
Cattle sheds with no-draught ventilation	14	3	45	
Hydraulic pipes marked with coloured cable ties	14	3	45	
Hi-Spec feeder is re-lined in farm workshop	14	3	46	
Yoke design in parlour maintains discipline, cuts feed	14	3	47	
Yard scraper made robust and wide with h-d blade	14	3	48	
One pass 6m wide grass seeder is fast contractor's tool	14	4	5	
Scrap Roterra cultivator converts to 3.5m spring tine and packer	14	4	6	
Stackliner bale carrier converted to D710 and other big squares	14	4	7	
Lely Cock Pheasant prepares straw	14	4	8	
Pig pen has folding doors to help rationing	14	4	8	
Power harrow reduced to 1.3m for mini compact tractor	14	4	9	
Farm buildings converted to industrial units	14	4	10	1
Workshop press built to service disc harrows	14	4	11	
Buckrake makes loader handler	14	4	11	1
Dumper trailer design features	14	4	12	1
Mechanical backing gate from NZ moves dairy cows	14	4	13	
Rape sowing system is sown pre-harvest	14	4	14	
Flat 8 bale handler strengthened for tough handler work	14	4	15	
Land Rover mud deflectors keep sides clean	14	4	16	1
Electric farm gate solar powered with auto close feature	14	4	16	1

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4 in 1 Drott bucket adapted for Manitou	14	Tel 01994 7240978		1
Low cost timber walk-thru sheep feeders	14	Fax 01994 241279		
Knight sprayer boom modifications	14	4	18	
Simba Flatliner 500 fitted with Stocks seeder for rape	14	4	18	
Conversion table for bushel - tonne	14	4	19	1
Levy Board report from Rosemary Ratcliffe	14	4	20	
Overseas work experience with Agriventure	14	4	21	1
Ukrainian farming opportunities	14	4	22	
Farming in France attractions	14	4	23	
Challenges for the 2006 spray season	14	4	24	1
Handling the cash flow crisis caused by SFP delays	14	4	26	
Creating a safe play area on your farm	14	4	28	1
Telehandler repair expert	14	4	30	
Cultivators at Lamma 2006	14	4	31	
Root fly protection uses fine mesh net	14	4	32	
Mobile work bench has built-in generator	14	4	33	
Concrete mixer converted to mix and feed livestock rations	14	4	34	
Ring feeder has base lift frame	14	4	35	
Repairing ring feeders to improve strength	14	4	35	
Tractor rear weight non-swinging mounting system	14	4	36	1
Bomford Superflow modified for improved performance	14	4	36	
Self loading concrete mixer driven by tractor PTO	14	4	37	1
Log gripper makes chainsaw logging fast and safe	14	4	38	1
Workshop layout aids tidyness	14	4	38	
Reverse drive Fordson Super Major has 2 ton forklift	14	4	39	1
Low ground pressure sprayer uses LWB Land Rover base	14	4	40	
Zerrard A frame adaptor improves loader work	14	4	42	1
Pallet forks fit on A frame	14	4	43	1
Plough press stand makes for easy parking	14	4	43	
Front weight frame fits on front 3-pt linkage	14	4	44	1
Mobile diesel tank is moved on 'A' frame	14	4	45	1
Modified front linkage has short arms for heavy weights	14	4	45	1
Servicing methods for Claas forager uses home built stands	14	4	46	
ATV quad is fitted with home made dual wheels	15	1	5	1
High performance post driveer made for less than £2000	15	1	6	1
Grain auger has hydraulic height adjustment	15	1	7	
Feed barriers fold, good for cows' feet and low discharge height	15	1	8	
Home built trailer rides on commercial axle	15	1	9	1
Feed barrier made from motorway crash cable	15	1	10	
Bulk tank sanitiser washer uses garden spray	15	1	10	
Drain rods stored in old golf bag	15	1	11	1
Fertiliser crane lifts two bags at a time	15	1	11	1
Flex tidy for electric tools	15	1	11	1
Goat crush lifts for easyn fast, treatment	15	1	12	
Stretch' bike for parades carries 12, raises money	15	1	14	1
Tool box in pick up has high security, ease of use	15	1	15	
Farmhand bale carrier modifications	15	1	16	
Loader bucket design features	15	1	16	1
Nuffield 10/60 gets uprated hydraulic system	15	1	17	1
Chain harrow wings are lifted hydraulically	15	1	18	1
Log splitter chops, splits, processes	15	1	19	1
Kuhn MDS 1132 fertiliser spreader problems	15	1	19	1
Cow lift clamp fastens on pin bones	15	1	20	
24 ft cambridge rolls use scrap rings and Weeks trailer chassis	15	1	20	

Weeping slurry wall made with concrete sleepers	15	Tel 01994 240978		
Mobile corn mill built on Rotaspreader chassis	15	Fax 01994 241279		
Combination drill uses Fiona instead of Accord	15	1	23	
Protecting innovations - patents and design rights	15	1	24	1
Declining silage quality	15	1	25	
US\$ - £ interest rates	15	1	26	
Behind the buzz words 'agricultural sustainability'	15	1	29	1
Driving for under 17s - farm opportunities maybe	15	1	28	1
Credit ratings - the need to find out how you rate	15	1	30	
The dangers and diagnosis of 'health scare'	15	1	32	
Beefed up flat 8 bale grab	15	1	34	1
Gate hinge lifts gate as it opens	15	1	35	1
Post pusher on tractor loader is used as quick fix	15	1	35	1
Link box used for sheep, and also makes work platform	15	1	36	1
Molly lamb feeder uses a fish tank heater for milk	15	1	36	
Home built bale squeeze handled 10,000 large squares	15	1	37	
Tractor 3-pt ball hitch	15	1	37	1
Cattle shedding gate design for crush exit	15	1	38	
cultivator converted for front end use - balances combination drill	15	1	39	
Silage clamp sandwich of grass, arable, maize simplifys rationing	15	1	40	
Livestock trailer spare wheel lock clamp	15	1	41	1
Slurry system has 2m gall lagoon to maximise value	15	1	42	
Cubicle head rail made with ratchet strap	15	1	43	
Shipping container converted in fuel tank bund	15	1	44	1
Concrete mixer adapted for 3-pt linkage	15	1	44	1
Bale stacker handles 3 Hesstons at a time	15	1	45	
Crane jib for farm handler adds lifting capability on farm	15	1	45	1
Front mounted mixer tank used for silage additive as well as spray	15	1	46	
Light guards for handler carry tow chain	15	1	47	1
Crash barrier panel slots in bull pen	15	1	47	
Trailer is fitted with centre mounted HIAB crane	15	1	48	1
Drainage machine fits 3-pt for low cost work	15	2	5	1
Plough share fin breaks furrow, cuts cultivator costs	15	2	6	1
Low cost bale squeeze designed for Quicke loaders	15	2	6	
Heavy duty unbendable fork for muck, site work	15	2	7	1
Humane fox trap catches one a day	15	2	8	1
Mobile cattle crush with holding pen handles cattle fast, cuts vet ch.	15	2	9	
Rolling barn door made from scrap parts	15	2	10	1
Hand trailer makes handling Hesston bales easy on smaller farms	15	2	11	
Baby walker is big improvement than Mothercare, and less expensi	15	2	12	
NH135 is rated well by contractor as general tractor	15	2	12	1
Bale spike handles two round or two square bales	15	2	12	1
Drill hopper extension makes big improvement to drilling work rates	15	2	13	
JCB back acter spade digs narrow trenches in heavy clay with no b	15	2	13	1
Round bale handler stacks and flips - two at a time	15	2	14	
ATV margin sprayer design has neat deflector for +ve environment	15	2	15	1
Air drill pipe fitting tool saves time, effort	15	2	15	
Collector, accumulator for round bales saves time	15	2	16	1
Grain dozer with 8ft blade	15	2	16	
Stretcher for Accord drill pipes makes for easy installation	15	2	17	
Sprayer adapted to handle fertiliser with dribble bar	15	2	17	
Front seed hopper/blower rides on packer	15	2	18	
Faster straw baling with front mounted roller	15	2	19	
Reflective farm sign is made with a car number plate	15	2	20	1

Re-designing loader bucket angles for best performance	15	20	21	1
Keenan feeder raised and for high discharge	15	21	21	
Keenan feeder re-lined for £400	15	2	21	
Slurry Guzzler has improved valve mechanism	15	2	22	
Manitou won't start unless door is closed - saves door damage	15	2	22	1
Front cultivator rides on truck tyres	15	2	23	
Organic arable farm develops sustainable crop rotation	15	2	24	
Reco drill modified for organic use	15	2	25	
Organic sheep flock based on Lleyn and Wiltshire Horn	15	2	25	
New NFU headquarters signals a change of gear	15	2	27	1
How to select a good estate agent	15	2	28	
The environmental cost of bottled water	15	2	29	
Safety measues when erecting steel buildings	15	2	29	
Straw based diets for improved dry cow health	15	2	30	
World economy faces a hard landing in 2008	15	2	31	
Square plough £60 bargain - changing fashion in cultivations	15	2	31	
The real cost of machinery pwnership	15	2	32	
Horse livery stables installed in cattle sheds using removable panel	15	2	34	1
Wheel changing machine based on a trolley jack adds fo safety	15	2	40	
Front mounted yard brush collects, side sweeps, steers	15	2	36	1
Horse riding school surface maintained with leveller	15	2	36	
Building a horse riding school menage	15	2	38	1
Dual wheels on Steiger / Ford FW30 has novel band mounting	15	2	39	1
Combine header modified for fast rape harvesting	15	2	40	
Fyson elevator modified for vastly improved performance	15	2	41	
Flexible corn drying fan system does 30 seasons	15	2	42	
Simba Mono rebuilt for better seedbed preparation	15	2	43	
Twin Parmiter Utah discs give 8 metre working width	15	2	44	
Cambridge roll set-up covers 42ft a pass	15	2	45	
Grain auger is self propelled, loads 1 ton/min, improves grain qualit	15	2	46	
Single pass rape seeding system uses Quigvone Tinemaster	15	3	5	
Cleaning out rust, pain in blind tappings on tractor, implement fram	15	3	6	
Small pallets made in parts trolleys for busy farm workshop	15	3	6	
Level gauge fits on post driver	15	3	7	1
A better, safer pick up hitch for big tractors and trailers	15	3	8	1
Drawbar bush reduces wear on ring, pins	15	3	9	1
Adapting aerosols save waste, keeps tubes intact	15	3	7	
Trailed rubble screen recycles inert waste, made with all scrap part	15	3	10	1
Waste oil trick helps remove tough nails	15	3	11	
Converting scrrer washer to spray hot water	15	3	11	1
Straw handling machine carries 11 tons a load	15	3	12	
Welder earthing improved by using Mole Grips	15	3	13	
Novel wood chip pad is used for over wintering dairy cows	15	3	14	
Scrap milk tank makes bunded diesel tank - environmentally secure	15	3	16	1
Rusted nut removal method saves bolt damage	15	3	16	
ATV trailer has close coupled twin axle	15	3	17	1
Round bale transporter carries 9 wrapped bales, needs no loader	15	3	18	1
Tractor transport box is converted for sheep movement	15	3	19	
Single pass bean drill on Shakerator gives big savings, good crops	15	3	20	
Rear transport box improves ATV safety, stability, load carrying	15	3	21	1
Flood washed cow yard saves time (no scraping), improves health	15	3	22	
Simba cultivator points refurbished in workshop	15	3	23	
Tip-up cattle crush made using scrap bale carrier	15	3	24	
Bike carrier made for the tractor front, carries full sized bicycle	15	3	25	1

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Vet catches sheep with a long drive belt	15	3	25	
Wood chip power screen recycles to produce mulch, compost, chip	15	3	26	1
Livestock container for pick-up, van made with IBC container	15	3	28	
Cattle get auto-penned with one-way gate	15	3	29	
Water valve control has no ball	15	3	30	1
Grab on hand fork makes loose straw easy to handle	15	3	31	
Post steady makes one man stapling easy	15	3	31	1
Spout and slide control that fits on the base of a big bag feed or fer	15	3	32	1
Beefy lamby meat campaign facts, criticisms	15	3	33	
How to haggle, tips and advice	15	3	34	
The Black Farmer profile	15	3	35	
Fencing tips from NZ expert - book review	15	3	36	1
Wheat market analysis fo 2006-7, and commodity investments	15	3	38	
Self loading square bale stacker	15	3	41	
Home built Min-Till drill used for 9 seasons, 6m, high output	15	3	42	
Low loader trailer design makes for long lasting farm machine	15	3	44	1
Flexicoil air seed combination drill works 33ft	15	3	45	
Min-Till tines, shoes, coulters, available from farmer	15	3	46	
Combine harvester modified cylinder gives 16% fuel saving over cc	15	3	46	
Cultivaot-rake great for both arable and grass	15	3	48	1
Bio-gas renewable energy plant integrates wind turbine, solar	15	4	5	1
Electricity generated with bio-gas from digester	15	4	5	1
Wood lathe made using novel variable speed pulleys	15	4	10	
Small MIG welder adapted for big wire reels	15	4	10	
Pasture improvement done by through-the-cow seeding	15	4	10	
Parts washer has safety lid	15	4	11	
Tool for re-bushing shock absorber	15	4	11	
Artic wagon trailer converted to farm use - drawbar fitting	15	4	12	1
Milk pipe used to provide warm water in parlour	15	4	12	
Dumper truck is used for trough feeding potatoes and grain	15	4	13	
Treating fencing stakes - DIY farm scale method	15	4	14	1
Tractor drawbar holder means it's always available	15	4	14	1
Gehl round baler fitted with additional string capacity	15	4	14	1
Weed wiper has angled bars for better contact	15	4	15	1
Wheel changing trolley uses supermarket wheels	15	4	15	1
Bracken control roller designed for rough ground	15	4	16	1
Hydraulic log splitter made 'in an afternoon'	15	4	17	1
Tractor dual wheels move on special carrier towed behind impleme	15	4	18	1
Loader frame for lifting tote bags and fertiliser bags	15	4	19	1
Muck / yard scraper fits on ATV	15	4	20	
Feeding trough made from plastic drain pipe	15	4	20	
Rear mounted bale spike carries / moves round feeder	15	4	21	
Ecorider two wheel ATV review	15	4	22	1
Foot peg on MF135 tractor replaced with a proper plate	15	4	22	1
Milk somatic cell counts reduced using special milking routine	15	4	23	
Cow foot wash system in collecting yard	15	4	24	
Trailer punctures reduced by fitting industrial tyres	15	4	25	1
Milking parlour width can be increased for bigger cows	15	4	25	
Canopy on silage trailer does front and side loading	15	4	25	
World gas flaring equals 25% of US consumption	15	4	26	1
Pheasant shooting becomes the new golf	15	4	26	1
Gold is a worthwhile investment today	15	4	27	
Subsidised farm courses in N-E England	15	4	28	1
Patent laws are little practical use for farm inventors	15	4	28	1

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Aerating is part of grassland routine	15			
Botulism warning from Irish cattle farmer	15			
VSO opportunities provide benefits for all	15	4	30	1
Air con systems need regular use	15	4	30	1
Getting seeds to germinate - useful for specialist, rare seed grower	15	4	31	1
Wills drawing up a will that won't hurt the next farming generation	15	4	32	
Glynllifon College, Caernarfon	15	4	34	1
Repairing New Holland TS115 brakes	15	4	35	
Bale squeeze is modified	15	4	36	1
Fertiliser hopper extension made from stainless steel	15	4	36	1
Workshop bench has top features	15	4	37	
Servicing lift makes work on ATVs easy	15	4	37	1
Link box fits on ATV	15	4	38	1
Ad lib powdered minerals are fed in weatherproof feeders	15	4	39	
Fencing attachment for stakes, wires, tools etc carried on front load	15	4	40	1
Tensioning tool for wire netting	15	4	40	1
Log holder improves chainsaw safety	15	4	41	1
Static bale wrapper remote control system	15	4	42	1
Trailer drawbar has attachment to protect hydraulic hose and lightir	15	4	43	1
Drive-over ATV ramp saves opening / closing gates	15	4	43	
ATV sprayer has 10ft boom	15	4	44	1
Throttle control for ATV adapted to reduce wrist strain	15	4	44	1
One-man sheep management - dagging crate, shed and foot bath	15	4	45	
Crane jib fits on to skid steer loader	15	4	46	1
Skid steer gets front mounted hitch for moving trailers, implements	15	4	46	1
Wool fleeces wrapped fast on special large table	15	4	46	
Methods that make electric fencing easier	15	4	48	
Air compressor converted into multi-function portable power tool	16	1	5	
Taskers tillage train modified for better performance	16	1	6	
Spray bowser has unique dsigned chemical store on one trailer	16	1	8	
Rainwater collection used for spraying	16	1	8	
Tractor electric socket outut is more relaiable using standard dome:	16	1	8	1
Low loader trailer carries drill, wide cultivators	16	1	9	
Fuel bowser is made from scrap LPG gas tank	16	1	9	1
Seed hopper mounts on loader, carries 3/4t, easy drill filling	16	1	10	
Oil fill port on Case IH5140 extended for easy filling	16	1	11	1
Changing tractor battery without losing continuity, data	16	1	11	1
Silage bales are colour coded with spray paint machine operated fr	16	1	12	
Lightweight drill combination uses 1970s seedbox	16	1	13	
Feed troughs repaired with heavy poly pipe	16	1	15	
Dust from grain cleaner is collected in adapted tank	16	1	15	
High tensile wire fencing - home built tools for erecting	16	1	16	1
Pig pens have pre-fab flooring as draught proof ceiling	16	1	17	
Trailer tailgate has chute that gives spuds a gentle ride	16	1	18	
Web links make strong electric fencing stakes	16	1	18	
Reducing metal wear in abrasive soil conditions	16	1	19	1
Reeling machine handles trickle tape irrigation pipe	16	1	20	
Sheep race is fitted with one-way gates to prevent reversing	16	1	21	
Mobile 1 ton firewood stores reduce handling to a minimum	16	1	22	1
Double length sheep footbath saves chemical	16	1	22	
Grading line adjusts for both onions and potatoes	16	1	23	
DIY mineral licks cost 1/4 the price of bought ones	16	1	24	
David Brown / Case bonnet modified after hinge failure destroyed r	16	1	25	1
Bio-fuels: long term wonder or short term solution? Major report	16	1	26	1

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Leaks in compressed air systems cost money	16	1	30	
Culling badgers in TB hot spot areas	16	1	31	
Changing farm finances so you borrow more money but pay less interest	16	1	32	1
Tank fills at double speed when fitted with two ball valves	16	1	34	1
High rise tank on trailer fills sprayer by gravity	16	1	34	
Home built gates too high for limos to jump	16	1	35	
Using neck tags for easy cattle identification	16	1	35	
Raceway design has removeable rails for safety, flexibility	16	1	35	
Rusted Weeks trailer repaired	16	1	36	1
Tractor electrics have external 'kill switch' for safety	16	1	36	1
Simple gate latch is stock proof	16	1	37	1
Big nuts are removed with home made chain wrench	16	1	37	
Mini tractor made using Rotaharrow axle, Petter diesel and dumper	16	1	38	1
Ramsomes crawler adapted to carry logs	16	1	39	1
Cleaning grass build-up off mower decks	16	1	39	1
Tractor front weights easily mounted with weight frame	16	1	41	1
Getting it right with landlord - farmer relationships	16	1	40	1
Storing hay on pallets cuts waste, improves quality	16	1	42	1
Four bag fertiliser carrier	16	1	42	1
Top quality trailers made to a standard by Jonathan Ford	16	1	43	1
Grain auger moved with converted trolley	16	1	44	
Honda Trike is preferred to quad for spray and field work	16	1	45	1
Workshop security methods keep tools, parts safe	16	1	45	1
Self propelled sprayer has dual role for fertiliser - modifications	16	1	46	
Grain sucker-blower tubes have foldable trestles - reduces damage	16	1	46	
Spray bowser, 9000 litre, is demountable on converted artic trailer	16	1	48	
Tool box mounted on tractor weight frame doubles as work bench	16	2	5	1
Roller mill and 1 ton feed mixer are mounted on trailer chassis for n	16	2	6	
Silage feed barrier is like simple tombstone nut easy to adjust	16	2	8	
Grassland aerator is fitted with scarifier to to spread dung, mole hil	16	2	9	
Workshop compressor is mounted on pallet for security	16	2	10	
Patio heater makes useful heater for workshop	16	2	10	
ATV sprayer is simpleremovable 2m bar	16	2	10	1
Steam cleaner is fitted with header tank for constant water supply	16	2	11	
Mobile steam cleaner has lift frame instead of wheels, making it diff	16	2	11	
Bathroom cabinet protects electric distribution boxes in shed	16	2	11	1
Concrete rear tractor weight has top desing features	16	2	12	1
40 gall barrel opener cuts time, waste and better then pliers	16	2	12	1
Calving management made easy with in-pen gate and yoke	16	2	13	
Round baler pick up reel wheel replaced with bigger one for better	16	2	14	1
Low cost grain venting system idea gets even easier	16	2	15	
Roller door security improved with barrier bar	16	2	15	1
Post knocker fits on front end loader - easy to make and use	16	2	16	1
Air line around workshop provides all-round access	16	2	17	
Log splitter with big ram cracks logs first time	16	2	18	1
Scramble bike trailer made from all spare parts	16	2	18	
Modification to grass topper allows you to mow under permanent el	16	2	19	
Gate latch works fast in raceway	16	2	19	
Front weight frame lifts on and off with ease	16	2	20	1

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Mobile workshop strip lamp has wheel as base	16	2	20	
Plastic barrel makes a good feed trough	16	2	20	
Molasses feeder uses wheel barrow base	16	2	20	1
Fork lift attachment is used to move trailers	16	2	20	1
Dumper trailer takes 22ton and tows behind Claas Xerion	16	2	22	1
Preparing for a wet harvest - in the field; at the drier; in the yard	16	2	24	
Dairy herd expands into retailing by taking over village shop	16	2	26	1
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US hay farmers hit by swindlers	16	2	31	
Vehicle fuel consumption figures are theory not fact	16	2	33	1
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Carmarthen College student engineering projects	16	2	36	1
Fencing stake puller	16	2	37	1
Roll-out bed for pick-up	16	2	37	1
ATV hitch has telescopic action	16	2	38	1
Retractable bale spike make stacking easier and safer	16	2	38	1
Telescopic handler is converted for auto-greasing	16	2	39	1
Tower slurry stirrer mounts on handler	16	2	40	
Beef finishers make clever use of workshop innovations	16	2	41	
Feed hoppers are filled with blower system	16	2	42	
Outside feed hopper with flip-up lid holds 1.5 tons	16	2	43	
Converted digger bucket holds double the volume of the standard C	16	2	43	1
Triple 8ft flat roller tows in line for transport	16	2	44	1
Flexicoil front linkage is adapted to fit second, third tractor	16	2	45	1
Hydraulic folding grass harrows extended to cover 21ft	16	2	46	1
MOT failure cattle lorry converted to livestock box	16	2	46	
Balemaster machine spreads round straw bales in cattle pens	16	2	47	
Extra long trailers with 36ft bed designed specially for straw carting	16	2	48	1
Lightweight 4WD artic steer sprayer uses Transit axles	16	3	5	
Heavy duty mole plough has 5in bolt for big performance	16	3	7	
Workshop heater made from 6ft steel tank	16	3	7	
Dumper truck converted to handy 1 1/4 ton loader powered with Fo	16	3	8	1
Twin 6:6 abreast milking parlours milk 140 cows	16	3	10	
Farmhand hammer mill modifications improve speed, reduce power	16	3	11	
10ft hand operated sheet bender uses rail line	16	3	12	
Second axle on converted livestock truck trailer has innovative mou	16	3	13	
Vicon RP1250 baler has modified rake wheels for better performan	16	3	13	1
Tractor based land mine clearance machine works Bosnia, Mozam	16	3	14	1
Water troughs are kept clean by mounting them on concrete humps	16	3	16	
Compressor attachment packs Solwat bins for scrap plastic	16	3	16	1
Mobile outside calving pen for calving saves calves, vets bills, easy	16	3	17	
Wooden sheep hurdles creasote dipping system for disinfection, pr	16	3	19	
Lightweight cattle grid bridge for ATVs, Land Rovers speeds stock	16	3	18	
Land Rover tail gate gap that breaks sheep legs is successfully mo	16	3	18	
Weak timber uprights on building reinforced with concrete pillars	16	3	19	1
Lambing management system uses simple marker system develop	16	3	20	
Twin fert bag handler has frame to carry four loop tote bags	16	3	21	1
Scrap parts make steel sculptures for garden	16	3	22	1

Worn feed troughs in milking parlour replaced by poly pipe	16	3	23	
Stainless sheet from scrap bulk tank used as wall protection	16	3	23	1
Cattle feed rail has infinite one-bolt height adjustment	16	3	24	
Workshop organiser makes it easy to find what you need	16	3	24	
Trailers bought in 1948 have had major modifications	16	3	25	1
Trailer rear lights are mounted on flexi board to prevent reversing c	16	3	25	1
Workshop press is powered ny simple bottle jack	16	3	25	
Cambridge roller is modified to support axle when in lifted transport	16	3	26	1
Extendable electric fence has standard spring for reliabnle recoiling	16	3	27	
Using two plate coolers reduces milk temp far better than one	16	3	27	
Holder for plugs on workshop tools improves safety, reduces dama	16	3	27	
1000 litre IBCs make instant mobile tanks when mounted on trailer	16	3	27	1
MF3070 pick-up hitch modofied to work by hydraulic instead of corc	16	3	28	1
Fendt front weight frame uses double row for additional ballast	16	3	28	1
Link box converted to a 'calf taxi' for moving them round yard, from	16	3	29	
Caravan chassis cut down and made into useful trailer for farm truc	16	3	29	1
EU Milk quotas get relaxed to expand supply	16	3	30	
Niche meat markets beat the commercial market	16	3	30	
Investment fund management fees hit returns for investors	16	3	32	
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Cab mounting problems cause 3-pt linkage failure	16	3	33	1
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Claas header trailer modifications	16	3	37	
Vaderstad drill eradicator tines modified to correct faults	16	3	37	
Additive spray bar fitted to MF185 round baler	16	3	37	
Ex-MOD winch adapted to tractor 3-pt	16	3	38	1
Three bag fertiliser handler carries bags at optimal height	16	3	38	1
Mixed farm diversifies into leisure, sport and habitat	16	3	39	1
Horse riding club operation is profitable enterprise	16	3	40	
Paragliding school is profitable diversification enterprise	16	3	40	
Adapted trailer handles fencing stakes, wire and tows behind post c	16	3	41	1
Home made tools improve performance of King Hitter post driver	16	3	41	1
Supermarket trolley used as mobile tool box that's easy to use	16	3	42	
Loader brackets are integral in the frame of adaptor plate	16	3	42	1
Rear weight is built using rear wheel rim	16	3	42	1
Bomford hedgetrimmer adapted with hydraulic breakaway	16	3	43	1
Double gates have one handed centre latch	16	3	42	1
Conventional bales wrapped and stacked in one pass - better than	16	3	44	
Small bale haylage uses clever wrapper trailer	16	3	44	1
Farm shoot management	16	3	46	
Artic trailer converted for tractor	16	3	47	1
Flip-up electric wire feed barrier suits low discharge mixer wagons	16	4	5	
Cable feed barrier design good for cows, cheap to install	16	4	5	
Electric auto-shedder separates cows as they exit parlour	16	4	6	
Shutter silage wall raised with pre-cast concrete panels	16	4	6	
Slit drain in parlour reduces wash down time and water use	16	4	7	
Continuous glazed trough in parlour is washed after each milking	16	4	7	
De Boer automatic scrapers	16	4	8	
Optimal milking parlour dimensions essential for best operation	16	4	8	
Lamma 08 review and tour with arable expert	16	4	9	1
Spray boom height auto adjusted with utrasonic system	16	4	9	
Mini tracks to fit standard tractors make them like Case Quad Trac	16	4	10	1

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Eyre combine header has revolutionary threshing cylinder	16	<del>Tel 01994 1240978</del>		
Simba cultipress weak points described	16	<del>Fax 01994 241279</del>		
Expert has critical look at John Deere 9630 back end	16	4	12	
Sumo cultivator range assessed at Lamma 08	16	4	13	
Watkins Tri-till has on-the -move adjustment	16	4	14	
Krampe 17 ton trailer assessed for long term performance	16	4	15	
Cat TH330B handler brackets are changed from previous TH82 mc	16	4	15	1
Tipping cattle crush made to fit on bale transporter - foot trimming i:	16	4	16	
Big bale straw spreader is built from scrap forage box	16	4	18	
Bale squeeze makes a top stacking machine	16	4	19	1
Post knocker is made using weighted drum on loader/handler	16	4	20	1
Feeder in field has home made iron wheels	16	4	20	
Water barrel makes effective engine / pump silencer	16	4	21	1
Bale wall reduces noise pollution from weaning calves	16	4	21	
Gulls kept away from ploughing with flapping Tesco bag	16	4	21	1
4 metre one pass cultivator works with less than 100hp	16	4	22	
Crumbler roller has novel 'escape hatch' for stones	16	4	22	
Two wheel hand cart carries 10 bales - great for yards, liveries	16	4	22	1
Broken JF FCT900 electric control box replaced by low cost home l	16	4	23	
Waste oil is sieved and pumped from adapted barrel	16	4	23	1
Land Rover Defender tail gate gets locked	16	4	23	1
Ifor Williams canopy is locked	16	4	23	1
Firewood enterprise gets student through university	16	4	24	1
Truck trailer has electric crane for loading bags	16	4	24	1
Garden mower earns summer cash	16	4	25	1
Road brush is fitted with built-in scraper blade	16	4	25	1
Rectangular feeder doubles as loader mounted cow / calf catcher	16	4	26	
Out wintered stores keep clean on novel bedding system	16	4	26	
Loader mounted tank from scrapyard is used to fill feed bunkers	16	4	27	
Galvanised 1000 litre tanks converted into drinking troughs	16	4	27	
Case 595 Super LE digger has 4 wheel steer computer removed fo	16	4	28	1
Slurry pipe ramp that crosses roads is low profile for low slung cars	16	4	29	
Beaver tail trailer frame for level stacking full load of bales	16	4	29	1
Trailed concrete mixer has 2 cu yd capacity	16	4	30	1
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Parlour radio is made waterproof	16	4	32	
Fold in half gates ideal in cow cubicle shed	16	4	33	
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Cows are marked for antibiotics with strips of mineral bag - simple,	16	4	35	
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Arable machinery enthusiast makes it all work	16	4	42	
Mobile Opico drier is set up for maximum efficiency	16	4	43	
Opico drier adapted to collect cleanings	16	4	43	
Volvo bucket adapted for Cat TH8s handler	16	4	44	1
Extra' spool valve made using diverter valves	16	4	44	1
Simba Cuitipress legs have been securing bolts	16	4	44	
Shakerator modified to 4.2m wide and extra row of tines for deep w	16	4	45	
JCB 2170 Fastrac modified for better driving position	16	4	46	1

Waltersshield quick hooks get tennis balls to prevent hose and cable	16	Tel 01994 240978	1
Blob marker is fitted to bout marker on drill for use in dry / hard con	16	Fax 01994 241279	
Cambridge rolls with short drawbar get extended drawbar for troubl	16	4 47	1
Ken Wootton trailer has home built roll-over sheet using extendable	16	4 48	
Additive tank fitted to McHale Fusion baler - wrapper	17	1 5	
Old tyres get more punctures	17	1 6	
Tractor rear weight uses concrete blocks - adjustable	17	1 7	1
Tractor seat covers inexpensively renewed with vinyl cloth	17	1 7	1
Wrapped silage bales store better on a bed of tyres	17	1 8	
Temporary car ramp uses steep slope	17	1 8	
Five star conversion of artic trailer for tractor drawbar	17	1 9	1
Dumper trailer has grain sides for harvest work	17	1 10	
Dog leash used to pull over trailer roll-over sheet	17	1 10	1
Creep feeder gets added control for cattle	17	1 11	
Cattle back scratcher has ingenious built-in fly control	17	1 11	
Slurry tanker has Mono pump - works as useful pit stirrer	17	1 12	
Adaptor plates allow muck grab to be mounted on different loaders	17	1 13	
Reeler handles lay-flat and drainage pipe - winds and un-winds	17	1 14	1
Bale spike is added to loader adaptor plate	17	1 15	1
Low cost silage rear door made from curtain side material	17	1 15	
Lamb feeder has removable wheels, made as school project	17	1 16	
Muck scraper uses cultivator frame and excavator tyre	17	1 16	
Ratchet strap gets seal on big tubeless tyres	17	1 17	
Fencing posts made easy to pull out of ground	17	1 17	1
Pick-up hinged top home built using alloy checker plate	17	1 17	1
Fitting a drawbar to artic trailer - top design to copy	17	1 18	
Gate ring fitted to old stone gate post	17	1 18	1
Feed troughs use old gas bottles	17	1 18	
Automatic gate opener - closer is radio controlled, made from spare	17	1 19	1
Big square bale stacking and sheeting system is very neat, safe an	17	1 20	
Sealed bearing life prolonged by grease injection	17	1 20	
One pass seven stage cultivator designed for light easy worked lan	17	1 21	
Conventional bale sledge packs up, carried on baler	17	1 22	
Cow brush made from road brush, controlled with PIR switch	17	1 23	
Low volume water trough easy to clean	17	1 23	
New cubicles rot out in 8 years - life extended by farmer repairs	17	1 23	
Sheep creep feeder made using steel oil tank	17	1 24	
Steps on TS115 Case NH improved by making sides solid - stops c	17	1 24	1
Troublesome Ford PTO selector improved by using MF625 combin	17	1 25	1
Back axle cover remover for Ford 66 and 77 series saves removing	17	1 25	
Drill press works up - for making holes in trailer roof	17	1 26	
Tractor drawbar has lowered ball hitch for Land Rover trailer	17	1 26	1
The World Food Crisis 2008 - International organisations fail fundar	17	1 27	
Home built farm hydro-electric plant generates £1/4m income - plar	17	1 28-31	1
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McConnel hedge trimmer refurb with better bushings than original	17	1	41	1
Claas Jaguar Speedster gets improved pick up hitch	17	1	42	
Bale squeeze design has handled thousands	17	1	42	
Grain pusher is 15 ft long and piles corn 25-30 ft high	17	1	43	
Shakerator cultivator has hydraulic adjusted home made packer on	17	1	43	
De-mountable lime spreader fitted with dual wheels for slopes	17	1	44	1
Flat eight grab has self-lubricating design	17	1	44	
Home designed 4m dutch harrow has hydraulic adjust levelling boa	17	1	45	
Tipping trailers, home built chassis design have better stability, per	17	1	46	1
Cattle keep clean on rape straw	17	1	46	
Home built crush has unique belly clipping guard	17	1	47	
Steerable front press 'carries tractor front for max force	17	1	48	
Gate 'buggy' lets you roll heavy gates around the yard	17	2	5	1
Land Rover Defender mud flap repair	17	2	5	1
Road lights fitted to Cousins floding rolls	17	2	6	
Lightweight Suzuki 4x4 has slug pellet spinner on rear door – cheap	17	2	6	
Extra hydraulic service used for mounted fertiliser spreader	17	2	7	1
Cattle handling improved with loader mounted gate	17	2	8	
Liquid fertiliser is injected into soil – shows useful savings	17	2	9	
Bale spike design flips up for safety and faster road speeds	17	2	10	1
Trailer drawbar modified for high mounted JCB Loadall	17	2	11	1
Farmhouse cheese business for sale	17	2	12	
Trailed sheep snacker has efficient design, big capacity	17	2	12	
Tailgate gap on Land Rover is modified for sheep – no broken legs	17	2	13	
Tractor rear axle splitter allows trumpet to be wheeled clear, saving	17	2	14	
Parts store in workshop uses old office furniture	17	2	15	
How to keep a MIG welder dry and serviceable, even in damp shed	17	2	15	
Lock for tool cabinet is ingenious and hard to bust	17	2	15	
Cattle crush has novel side gates for good accessibility	17	2	16	
Leaking galv water troughs make useful cattle feed troughs	17	2	16	
Grassland improver from manufacturer	17	2	16	
Hydro-electric generator from small hillside stream keeps hill farm p	17	2	18	1
Artic trailer is converted into high spec livestock trailer	17	2	20	
Excavator tyre yard scraper has 'anti-flip' arm that keeps it level	17	2	20	
Timber cow kennels are a much improved design	17	2	21	
U' pipe makes it very easy to fill cattle feed into tote bags from a blk	17	2	21	
Trailed mobile sheep foot bath has hurdles and handling system	17	2	22	
Gate to slurry pit is made child proof	17	2	22	
Trailed mole plough is pulled with clever 3-pt hitch that transfers we	17	2	23	1
High capacity water gully keeps storm water off farm lane	17	2	24	1
Home made cattle mineral lick recipe supports MacMillan Cancer C	17	2	25	
Better combine driving provides big rewards	17	2	26	
Grassland diversity has livestock benefits	17	2	27	
Spy-in-the-cab controls driver behaviour, improves safety	17	2	28	1
Could GM cereals make blackgrass resistant to glyphosate?	17	2	29	1
Two stage cereal harvesting removes weeds and provides quantity	17	2	29	
Temporary workers now receive similar rights as permanent staff	17	2	30	1
The folly of investing in commodities	17	2	31	
Biomass growers get useful cash boost	17	2	31	1
Diesel security – locks, tanks and keeping the thieves out	17	2	31	1
Modified lift arm on McHale bale wrapper saves time, makes easy l	17	2	34	
Tractor pick-up hitch control cable adapted to be hydraulic for reliat	17	2	35	1

Fence netting reeler collects and rolls recycled netting for second u	17	<del>01994</del> 240978	1
Bench vice has electric actuator for press button adjustment	17	Fax 01994 241279	
Post knocker is adapted to make effective log splitter	17	2 38	1
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Farm innovations from Stephen Stacey, Somerset	17	2 42	1
Braking system on Marshall trailer with tandem axle is improved	17	2 43	1
Teagle Tomahawk straw chopper has electro-controls for faster, cle	17	2 44	
Shed wall has ventilation holes knocked through, improves calf hea	17	2 45	
Manitou handler gets a hydraulic footbrake outlet for trailer	17	2 46	1
Diesel tank lock design	17	2 46	1
A good way to mend electric fencing stakes	17	2 47	
Silage effluent drain design excludes rain water	17	2 47	
Farm workshop layout made for efficient working	17	2 48	
Front cultivator works ground in front of 5.5m Vaderstad Rexius, sa	17	3 5	
Marker strips on mudguard make simple driving aid	17	3 6	1
JF FC 80 precision chop converted into brush chipper and used for	17	3 7	
Fastrac 155 modified to provide 240v, huge air capacity to suit cont	17	3 8	1
Rat-proofing combines and other machinery	17	3 9	1
Cab improvements and modifications on JD 8530	17	3 10	1
Ripper from Cat D10 adapted for wheeled tractor and site reclamati	17	3 11	1
Bateman RB26 de-mount tractor gets improved platform	17	3 12	
Chisel plough is built for reclaiming industrial 'brown' sites	17	3 13	1
Corn bagging machine has simple auto-scale	17	3 14	
Loose wheels wear studs into crazy shapes	17	3 14	
Cut-down micro-van makes a top road trailer	17	3 15	1
Power harrow has Vicon spinner mounted for grass sowing	17	3 16	
Unique diesel lock protects valve	17	3 16	1
Tractor 3-pt attachment lifts implements onto trailers, lorries – bette	17	3 17	1
Lane leveller works fast, makes quality surface, spreads scalplings	17	3 18	1
Rear step for Land Rover makes it easy to climb in	17	3 19	1
Fridge-freezer makes ideal paint oven	17	3 19	
Front press uses 80 year old horse roller	17	3 20	
Tuning up the fresh calved cow – tips for top productivity	17	3 21	
Model tractors made in wood are unique	17	3 22	
Quick alkathene pipe repair is useful in emergency	17	3 22	1
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Sheep race has under-cover treatment shed for wet weather	17	3	43	
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Rope hooks on trailer are positioned for accurate welding	17	3	45	
Hydraulic oil contaminated with water is cleaned for re-use	17	3	46	1
IH 440 conventional baler widened for 6ft 6ins straw swaths	17	3	46	
Modified Nuffield is useful modern loader tractor	17	3	47	1
Nuffield Universal Six used on regular farm work	17	3	48	1
Two part cultivator with tines, legs and D rings makes one-pass too	17	4	5	
Baler knotters are kept clean with car radiator fan	17	4	7	
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Two top lambing ideas	17	4	12	
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Remover lever for Claas Lexion screen makes a hard job easier	17	4	13	
Gate hinges fit in channel, can be adjusted for height	17	4	13	1
Vertical stirrer for slatted slurry tanks saves moving many slats, mix	17	4	14	
Saw bench chute puts logs directly into loader bucket	17	4	15	1
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Grease gun holder on tractor is made from silage wrap core	17	4	40	1
Ingenious front and rear bale spikes carry 6 per trip	17	4	41	1
Loader mounted cow pen saves time, helps in-field management	17	4	42	
Yard light is mounted to minimise shadows	17	4	43	1
Loader joystick folds out of the way on NH tractor, so it's out of the	17	4	43	1
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Grain pusher uses crash barrier blade – quick to make	17	4	44	
Tractor road brush angles, cleans well, is made from all spare parts	17	4	45	1
Tool boxes on tractors - the DIY solution	17	4	46	1
Bagging chute for corn meal saves shovelling	17	4	46	
Silage feeder built into gate feeds 12 cows - saves time and control	17	4	47	
Crash barriers make effective removable cattle penning	17	4	48	
Field gate opens and closes as you drive the ATV quad bike through	18	1	5	1
Tip-up cattle crush fits on tractor loader, makes fast foot trimming a	18	1	6	
Calving box cameras are broadcast on Internet for remote viewing	18	1	8	
Easy to build barn door has secure steel frame	18	1	9	1
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High capacity bench vice	18	1	10	
Pipe bender mounted on Oxford welder	18	1	10	
Workshop press makes useful crimping tool	18	1	10	
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Marking steel with Tippex is better than chalk or anything else	18	1	11	
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Washing machine drain pipe makes good cable protector	18	1	11	
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Roller on 3-pt 'massages' air when clamping silage for better results	18	1	14	
Digital TV in milking parlour gives good reception for radio as well as	18	1	15	1
Bale stacking is cooler with mobile fan in the barn	18	1	15	1
Easy-clean feed troughs use polypropylene sheeting	18	1	16	
Trough cleaner on telescopic handler can sweep to left and right	18	1	17	
Dual purpose gate folds flat and opens out	18	1	18	
Twin vacuum pumps provide big vacuum with single phase electricity	18	1	18	
Novel front box for Fastrac 155-65	18	1	19	1
Extending gate improves cattle handling, yard division	18	1	20	
Motorway crash barriers make quality gates	18	1	21	1
Horse box has ramp adapted using Ratcliff hydraulic lift	18	1	22	
Silage feed trailers	18	1	23	
Riding school uses innovative surface better for horses and less costly	18	1	24	
Logic riding school leveller does excellent work	18	1	25	
Gearbox on Taarup mower is cooled with electric fan	18	1	26	
Rat poison sites in bale stack marked with spray	18	1	26	
Artic trailer makes instant bale shed for hay	18	1	26	1
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Cost control on large arable farm	18	1	28	
Cat Challenger MT855 has home built spares carrier and tool box	18	1	28	1
Heavy ripper and leveller is used for efficient lane maintenance	18	1	29	1
Electric yard gate weighs 2.5t, opens 9m, improves farm security	18	1	29	1
Field drain outlets in ditch are marked to prevent damage when tractor	18	1	29	1
Skid type mole drainer gives improved results	18	1	30	1

Combine header adapted for swathed rape	18			
Old farm kit adapts well for ATV and light tractor work	18			
Plastic downpipe has steel bottom for protection	18	1	31	1
Simple stick gauge shows working depth of subsoiling and moling	18	1	31	
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Home mixed liquid N plant saves money, using distressed urea	18	1	32	1
Council road sweeper bought by farm for road cleaning	18	1	32	1
Keep machinery in good condition with this home mixed oil recipe	18	1	32	
Opportunities for farm students	18	1	32	1
Waste plasterboard is turned into useful fertiliser similar to Nitro-ch:	18	1	33	1
Bow saw strapped to plastic pole with duct tape reaches 20ft	18	1	33	1
Cumbria farmers get together to build their businesses	18	1	34	
Low cost computers for rural people	18	1	35	
Invoicing dispute with DEFRA results in their being forced to pay pl:	18	1	35	
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Crocky Trail Titanic experience is top attraction	18	1	40	
Sit-on wobble barrels make a difficult ride	18	1	41	
Crocky Trail big slide divides in two, is mobile and can be towed wil	18	1	41	
Ed Walley's Metal Man re-created to be 135ft high, weighing 40 ton	18	1	42	
Spider Trap ride is challenge to adventure park youngsters	18	1	47	
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Vauxhall Frontera gets Tonka wheels to make effective low ground	18	1	44	1
20ft container is modified to make top chemical store	18	1	46	
Bateman Contour tractor gets lighting and safety ideas	18	1	47	
Plough is fitted with lighting board and warning sign for road safety	18	1	48	1
Tractor cab step made safer with rasp bar	18	1	48	1
Five leg subsoiler has added tines and trailed press	18	2	5	
Lorry tyres make useful implement stands	18	2	6	1
Mole plough slips under wire fence	18	2	7	
Rubbish truck made into self propelled muck spreader	18	2	8	
Shipping container connected to fencer for security	18	2	9	
Tractor axle moved forward to improve balance	18	2	10	1
Stacking baled silage on end has benefits	18	2	10	
ATV trailed sprayer has 7m boom, 100g tank	18	2	11	1
ATV trailed Vicon spreader does 225ac in day	18	2	12	1
Trailer carries quad and trailed implements	18	2	13	1
Work platform has extensions that expand to 20ft	18	2	13	1
Calf housing has novel straw ceiling, cuts disease	18	2	14	
Floor slats are put on worn cubicle matting	18	2	15	
Teagle Toucan does low-cost silaging	18	2	15	
Loader bucket carried on tractor rear weight	18	2	16	1
Tyre 'mats' make silage clamping easier	18	2	17	
Bale handler removes silage wrap automatically	18	2	18	
Yorkshire boarding swivels for cattle shed ventilation	18	2	19	
MF 265 fitted with drawbar holder	18	2	19	1

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Car safety belt makes useful gate fastener	18	20	21	1
ATV safety bar folds	18	20	21	1
Grass production benefits from injected slurry	18	2	21	
Front hook for Manitou lifts loaded silage trailer	18	2	22	1
Lane maker spreads road scalpings at 4ins	18	2	22	1
Loader adaptor plate goes from Manitou to Renault	18	2	23	1
Unique feeder trailer prevents waste of maize silage	18	2	24	
Effluent drains made using slats for floor	18	2	24	1
Air pump provides milking parlour with air-con	18	2	25	
Garden playground ideas, all made in workshop	18	2	25	
Small scale farmer now expert at Land Rover repair	18	2	26	1
Water ballast roller filled with concrete	18	2	27	1
Road safety improved by commercial reflectors	18	2	27	1
Magpies: Larsen trap gets 26 in a year	18	2	27	
Diesel tank is useful scrap metal bin	18	2	28	
Plant sprayer makes simple fire extinguisher	18	2	28	
Loader adaptor plate goes from MF50 to JCB	18	2	29	1
Cage prevents tractor beacon glass being damaged	18	2	30	1
Loader bucket converted to practical work platform	18	2	30	1
Bent over reflector increases road safety	18	2	31	
How to make an efficient air line from alkathene	18	2	31	
Is highly efficient CDA spraying buried technology?	18	2	32	
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Easycare sheep – sale in September	18	2	34	
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This is what's wrong with the milk market	18	2	35	
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Financial crisis after-shocks	18	2	37	
Going 'self-employed' more hazardous for employer	18	2	38	
Bale clock is useful in-cab counter	18	2	40	
Adaptable lane grader forms camber	18	2	41	1
Patchwork computer box mounted on fold-away arm	18	2	42	1
Blob marker has removable frame for multi-tractor use	18	2	43	1
Milking parlour comfort - fans and soft flooring	18	2	43	
Anti-biotic cows are sprayed with paint	18	2	44	
Vacuum pump belts have safe storage	18	2	44	
Bulk tank compressor has reverse fan	18	2	44	
Two-stage Fullwood milk pre-cooler gets it to 12C	18	2	44	
Vacuum shedding gate from parlour	18	2	45	
ATV sprayer disinfects cubicle heel-stone	18	2	46	
Lorry air-line makes good parlour hose	18	2	46	
Water spray keeps cows moving	18	2	46	
Slurry tanker clover seeder	18	2	47	
Feed trough cleaner has spring loaded scraper blade	18	2	46	
Mains on' light shows when genny can be turned off	18	2	47	1
Slurry store has automatic beacon warning	18	2	47	
Milk dump line is integral with main parlour	18	2	48	

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Grassland renovator increases production	18	Tel 01994 5240978		
Browns Flat Eight modifications	18	Fax 01994 241279 1		
Concrete mixer converted to hydraulic	18	3	9	1
Fencing trailer has place for tools, stakes	18	3	9	1
New Holland TL100 - hydraulic outlet covers	18	3	10	1
New Holland TL100 - permanent air compressor	18	3	10	1
New Holland TL100 - cab storage	18	3	10	1
New Holland TL100 - off-side step used for vice	18	3	10	1
New Holland TL100 - link arm retainer	18	3	10	1
New Holland TL100 - top link holder	18	3	10	1
Livestock trailer top deck ramp lifted with chain pulley	18	3	11	
Adjustable tail dripper on trailer	18	3	12	
Timber grab has home built turntable	18	3	13	1
Parallel Guidance driving aid made for £300	18	3	14	1
Reed puller clears moats, ponds	18	3	15	
Defender tail gate covered for sheep safety	18	3	16	1
Front straw roller saves time, moves headland bales	18	3	17	
Scrap bin stores rolled barley, cattle meal	18	3	18	
Cooks bale sledge gets hydraulic tripping	18	3	18	
Box system feeds clamp silage to sheep	18	3	19	
Teat spray tube protected from damage	18	3	20	
Election poster makes useful white board	18	3	20	1
Fert spreader hopper used to handle chopped beet	18	3	21	
Reducing the danger of perspex roof lights	18	3	21	1
Ideas from Indian Honey Bee	18	3	21	1
Opico discs extended and adapted for one-pass	18	3	22	
Grain auger 50ft long ton/min mounted on tractor	18	3	24	
Twin tank bowser saves time, increases efficiency	18	3	26	
Home made 9 ton trailers have light footprint	18	3	27	
Straw trailer runs on 24 wheels, carries 300 bales	18	3	28	
PTO stone crusher handles rocks	18	3	29	1
Embryo Transplant gives 'designer heifers'	18	3	30	
Change to flying herd reduces dairying risks	18	3	31	
Government Pesticides Advisory Committee	18	3	32	
Ecorider goes into liquidation	18	3	32	1
Always right' internet scam	18	3	33	
Through-the-bullock' grass seeding	18	3	33	
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Transfer buildings before you develop	18	3	35	
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Black Farmer' looks at farming from both sides	18	3	36	1
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IBC tanks make inexpensive refuse containers	18	3	41	1
Cable feed barrier moves back for diet feeder	18	3	42	
Home built sub-soiler has adjusting legs	18	3	43	
Grain partitions made from 8x4ft site boards	18	3	43	
Home made pedestal driers use drain pipe uprights	18	3	44	
Trailer tail gates - preventing leaks and lever to close	18	3	44	
Grain dozer has timber blade for no floor damage	18	3	45	
Hydraulic top link stops drill coulters blocking	18	3	45	
Brice-Baker grain drier well set up	18	3	46	
Shed on skids made from site boarding	18	3	47	1

Hand held jack hammer adapted for digger arm	18	Tel 01994 240978		1
Home made cluster back-flush controls mastitis	18	Fax 01994 241279		
Radiator guard made for John Deere 6220	18	4	7	1
Buildings design adds strength	18	4	8	1
Liquid feed dispenser uses IBC tank	18	4	9	
Shire mini tractor gets good review	18	4	10	1
ATV feed box 'mixes' straights for sheep	18	4	10	
Cattle handling system uses three crushes	18	4	11	
Reed bed cleans polluted run-off the natural way	18	4	12	1
Feed store has hinged partition	18	4	14	
Workshop stove made using digger bucket	18	4	15	
Mobile gate post uses tractor wheel	18	4	15	1
Hub cap made using top of grease cartridge	18	4	15	
Waltersheild link arm balls stored outside cab	18	4	16	1
Removable bale spike stored on tractor frame	18	4	16	1
Grease gun holder for tractor	18	4	16	1
Link arm sock protects hydraulic hoses	18	4	16	1
Water trough is made from round plastic drum	18	4	17	
Squeegie from plastic barrel is rustless	18	4	17	1
Sectional gate folds away	18	4	17	1
Loader mounted post driver made from scrap	18	4	18	1
Pallet forks fit on fore loader	18	4	20	1
Dairy wipes get simple roller	18	4	20	
Lightweight ATV trailer good for fuel and soft ground	18	4	21	1
Drain pipe reeler tows behind quad bike	18	4	22	1
Sheep snacker mixes barley and molasses	18	4	22	
Outwintered cattle feeding methods	18	4	23	
Creep feeder has gas strut on lid	18	4	23	
Farm lanes have scallop shell surface	18	4	23	1
Cattle handling uses plastic sheet sides	18	4	24	
Home made lever for Valtra 6550 hydraulic control	18	4	26	1
Mobile corner post for electric fence	18	4	27	
Garden mower makes welder trolley	18	4	27	
John Deere Gator adapted for disabled	18	4	28	1
Claas Axos 340 adapted for disabled	18	4	29	1
Gas banger bird scarer revolves 360 degrees	18	4	30	
Farm built buck rake packed with features	18	4	30	1
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Home made gas profile cutter	18	4	47	
DIY built big hole cutter for plastic barrels, sheets	18	4	48	
Roofing nail removing tool doesn't damage sheets	18	4	48	
Coach bolt removing tool good for telegraph pole fittings	18	4	48	
Mobile Out-of-Parlour feeder moves with cows	19	1	5	
Accord DL drill converted to piggyback DA	19	1	6	
Winch hoists new born calves to clear lungs	19	1	8	
Cattle handling uses hydraulic powered crush	19	1	9	
Bull pens designed for safety and convenience	19	1	10	
Suckler cow maternity unit	19	1	11	
Calf crate has top features	19	1	11	
Pig roast Barbecue solves all problems	19	1	12	
Tote wheelie moves opened bags like barrow	19	1	13	1
Roll bar for lightweight tractors and ATVs	19	1	13	1
Hydraulic hoses re-routed for longer life	19	1	14	
Electric powered log splitter has large ram	19	1	15	
Roller door draught excluder	19	1	15	1
Mobile hen house keeps hens in - and out	19	1	16	1
Metal working machines bought at low cost	19	1	16	
Ransomes mower fitted with fork lift	19	1	17	1
Rebuilding a damaged crank shaft	19	1	17	
Parcel cages make good wood stores	19	1	18	
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Workshop heater made with gas bottle	19	1	19	
Log chopping block holds them in place	19	1	19	1
Manual log splitter uses sledge hammer	19	1	19	1
Push-off round bale spike	19	1	20	1
Feed trailers for sheep use clamp silage	19	1	21	
Levelling board on power harrow improves working	19	1	22	
Rear hook on trailer is fitted at correct height	19	1	23	
Straw haulage rig gets workshop treatment	19	1	24	1
Teagle strawchopper has extended chain restraints	19	1	25	
CCTV cameras essential operating aids	19	1	26	
9ft grain bucket converted to road sweeping	19	1	27	1
Retro-fitted hydraulic back trailer doors	19	1	28	
Up-graded hydraulic trailer braking	19	1	28	1
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Mobile phone amplifier	19	1	30	1
African innovators raise living standards	19	1	31	1
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Youth projects help self starters with funding	19	1	32	
Farm accident victims get little or no support	19	1	32	
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Weeding grassland while you collect cows	19	1	33	
Replacing cab glass	19	1	33	
Post driver on Pel Job digger	19	1	33	1
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Round bale gripper better than spike	19	1	41	
Feed hopper has hydraulic lift-up top	19	1	42	
Front press fitted with inflated tyres	19	1	42	
Work platform made using recycled lorry lift	19	1	42	1
Mobile loading ramp is towed around yard	19	1	43	
Silage nudger has adjustable arm	19	1	43	
Cattle pen layout and design - PFI booklet	19	1	44	
Rock Stopper' eliminates stone damage to forage harvester	19	1	44	
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Electronic weigh crate inexpensive, efficient	19	1	45	
Removable penning makes shed flexible	19	1	46	
Wheel changer uses simple low-cost design	19	1	47	
Claas Volto tedder modified to prevent hay winding	19	1	48	
Stone fork on front linkage digs rocks and boulders	19	2	5	1
Double rams close coupled for extra range	19	2	5	1
Dumper converted to tool carrier mounting 6 row steerage hoe	19	2	7	
Umbilical slurry pipe gantry for safe road crossing	19	2	8	
Trailer ball hitch lock uses ball and padlock	19	2	11	1
Electric fence battery recharged with solar panel	19	2	11	
Mobile 32ft sheep handling race has shedding gate	19	2	12	
Ring feeder has cover made from wood cable drum side	19	2	13	
Min-till using Sumo halves cereal establishment costs	19	2	14	
Blackgrass infection gets heavy chemical treatment	19	2	16	
Oil seed rape drill reduces seed rate	19	2	16	
Ring feeder redesigned with built-in cover	19	2	17	
McHale bale handler sleeve lock washer adaptation	19	2	17	
Straightening a bent girder	19	2	18	1
Gas bottle taps are always turned off with this work routine	19	2	18	
Post hole borer has parking stand	19	2	18	1
Round bale stacker puts bales on end	19	2	19	1
Two Boumatic 20:20 herringbone parlours make a 40:40	19	2	20	
Concrete slats for livestock floors made using home built mould	19	2	22	
Straights store keeps feed free from birds and rainwater	19	2	24	
Man gap in cattle penning makes easy access	19	2	24	
Gate plate adjusts for existing hinges	19	2	25	
Warning beacon on ATV improves road safety	19	2	25	1
Tramline marker for oil seed rape	19	2	25	
Hydraulic hose support fits tractor back end	19	2	26	1
Steps on bale wrapper make film loading easier	19	2	26	1
Gate has removable hooks	19	2	27	1
Sheep yoke makes dagging and other jobs easier	19	2	27	
Gate extension bridges the gap	19	2	27	
The perfect steak' provides opportunities for beef finishers	19	2	28	
Rural Contractor website puts farmers in touch	19	2	29	
No need to fret over GM technology, says scientist	19	2	29	
Top maiden from Geo Freeman MP for Mid-Norfolk	19	2	31	1
Sumo - a manufacturer with it's feet on the ground	19	2	32	



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Welsh Government sloppy over badger appeal	19	2	34	
Farmland: The Buy or Rent decision for start-ups and expanders	19	2	34	
Farming on the urban fringe has special problems	19	2	36	
Rape seeder added to 4m Vaderstad TopDown cultivator	19	2	38	
Accord drill has suffolk coulters replaced by Amazone discs	19	2	39	
Spring tine makes a fast combination drill	19	2	40	
Plough painted rather than greased for rust protection	19	2	40	
Chemical store has double rooms for better management	19	2	41	
Electrical extension lead gantry adds to safety and convenience	19	2	42	1
Simple sheet bender made with a pair of bench vices	19	2	42	
Parts storage needs many bins	19	2	42	
Hydraulic brake tester for trailers	19	2	43	
Land drain locator uses ferret finder	19	2	43	1
Wheel nut sockets in home made box for puncture repairs	19	2	43	
Brand on wood handles mark farm property	19	2	44	1
Diesel meters on tanks and bowsers help keep control	19	2	44	
Roof fan keeps workshop warm	19	2	44	1
Gator mounted sprayer used to spray grain store	19	2	45	
Combine spout extension lets carting tractor straddle swath	19	2	45	
Tribute to the John Deere 4020	19	2	45	
The Keeling Farming Museum - a place for rural by-gones	19	2	46	
Stainless steel 3000l water bowser doubles as fire engine	19	2	47	
Concrete lane blocker stops cars and 4x4s, allows tractor to pass	19	2	48	1
No entry farm lane barrier is 30ft long so combine can get through	19	2	48	
Gas bird scarer has battery and bottle in secure metal cage	19	2	48	
Tractor toolbox detaches - speeds repairs and efficiency	19	3	5	1
Air vents on cattle shed open to feed trough	19	3	7	
Cattle water troughs sanitised using hydrated lime	19	3	8	
Added tool box on Ford 4000 made for match ploughing	19	3	8	
Bale spike has hydraulic push-off for safe, easy stacking	19	3	9	1
Tullow root bucket converted to mix and feed meal	19	3	9	
Quick and easy cattle halter is made from 12ft rope	19	3	10	
Yard gate swings open with weight and pulley	19	3	10	1
30ft span feed barrier design makes building flexible	19	3	11	1
On floor grain drying uses field drain piping	19	3	11	
Cattle ear tag gives at a glance breeding info	19	3	12	
Chute made from old milk churn makes feed bag filler	19	3	12	
Innovative features on a match plough	19	3	13	
Slurry dribble bar fits back of tanker - innovative home made design	19	3	14	
Simple ideas for low cost livestock farming	19	3	16	
Installation ideas for electronic sheep handling	19	3	17	
Silage bales make windbreak for overwintered stock	19	3	17	
Temple Grandin inspired cattle handling	19	3	18	
Sheep management with Racewell system	19	3	19	
Dog kennel design keeps working dogs clean and warm	19	3	19	
ATV trailer adapted as disbudding, castrating pen for calf work	19	3	20	
Mobile mineral lick dispenser moves in field to prevent sward damage	19	3	20	
Silage feeder for sheep designed for minimal wastage	19	3	21	
Wheelchair farmer gets back into farming and contracting	19	3	22	1
Hydraulic lift on John Deere 6910 gets disabled driver into cab	19	3	22	1
Lift for disabled on John Deere	19	3	23	
Modifications and features for hook-lift trailers	19	3	24	1
Compressed air cleaner for square baler knotters	19	3	25	
Large scale outdoor pig farm has high welfare	19	3	26	

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Water trough is frost protected with underground feed	19			
Home designed and built pig arks cost less, work better	19			
Outdoor pig feed hoppers are weather, rodent, bird protected	19	3	29	
Farm lane building machine grades, levels	19	3	30	1
Agriculture absent from list of top UK scientists	19	3	31	
Trantor tractor - feature describes the innovative design ideas	19	3	31	1
Grain market report Autumn 2010	19	3	32	
Safer ladders have big safety payback	19	3	32	1
Corn dollies and 'spirit of fertility'	19	3	33	
Oxford Conference 2011 preview	19	3	33	1
Mobile smartphone app for cow breeding management improves ef	19	3	33	
Cow foot washer uses water blast to clean claws	19	3	34	
Welsh minister Elin Jones gets bovine TB message across	19	3	35	
Coalition government Spending Review cuts are cause for farmers'	19	3	36	
Weaners loaded into trailer with hook-on box for fast transfer	19	3	38	
Fridge with heater makes ideal revival box for sickly weaners, lamb	19	3	38	
Rolland drop axle trailer modified with decks, vents	19	3	39	
Kubota RTV fitted with bale and feed bag body for outdoor stock	19	3	40	
Young farmer gets tenancy and rung on ladder	19	3	41	
Ivor Williams trailer deck ramp modified	19	3	42	
ATV sheep trailer has compartments for five ewes and their lambs	19	3	43	
Sheep dagging crush gets auto-yoke that speeds work	19	3	44	
Cattle creep feeder has lift up axle, is towed not carried	19	3	44	
Skid steer loader has safe hydraulic quick attachment lock	19	3	45	1
Bridge hand rails get used as cattle feed barrier	19	3	46	
Scrap step frame artic trailer is easy conversion to 26ft bale trailer	19	3	46	1
Tractor rear weight made from quarry crushing plate	19	3	47	1
Double gate latch / silage deflector / sheep penning	19	3	47	
Silage feed trailers for sheep fitted with roll-over covers for protectio	19	3	48	
Oil seed rape drill is low draught for low cost osr seeding with 7 nar	19	4	5	
Flip up stay stops gates swinging shut	19	4	6	1
Electronic grain temperature gauge spear made using £10 Lidl ther	19	4	7	
Cow foot washer jet fits robot and herringbone parlours	19	4	7	
Separator screen divides good soil from hardcore	19	4	8	1
Post knocker is fitted with storage boxes for fencing equipment	19	4	9	1
Manual pull-along salt spreader is fast, saves waste	19	4	9	1
Hook-lift skip makes good nurse tank for long distance umbilical sp	19	4	10	
Reco Mengele 30 spout modified for better folding	19	4	11	
Molasses tank fitted with simple level gauge	19	4	12	
Electric backing gate for milking parlour has solid mesh frame	19	4	13	
Bull pen has sliding gate for safe cow handling	19	4	13	
Mobile roller mill has 2 ton hopper	19	4	14	
Cubicle sand suits cows but not spreader	19	4	15	
Cow footbath is 14 x 24ft footbath for batch treatment	19	4	15	
Rainwater harvesting and a borehole cut water costs	19	4	16	1
Domestic oil tank makes calf moving box	19	4	16	
Cow catching gate has head space for haltering	19	4	17	
Army water tank panels are used for sand and feed bunkers	19	4	17	
Cattle feed barriers is made with single removable rail	19	4	17	
Wesfalia 50:50 parlour home installed to save costs	19	4	18	
Cow kennels for 300 provide flexible and effective winter housing	19	4	19	
Box section design for strong cattle divisions	19	4	19	
Out-wintered cattle strip graze turnips and access in-field silage sys	19	4	20	
Electric fencer has built-in solar panel for constant use	19	4	21	

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Gate catch strong, easy to make	19			
Calves in hutches prove healthier and lower cost than pens	19			
Bale spike protector made from silage film centre	19	4	22	1
Fence posts soaked in waste oil last longer	19	4	22	1
Strips from venetian blinds protect hen house from magpies, crows	19	4	23	
25 litre drum modified for painting and storage	19	4	23	
Plastic hanger clips ideal as electric fence wire holders	19	4	23	
Russian potash giants merge - will reduce competition, lift price	19	4	24	
Design rights provide innovators with low cost protection	19	4	24	
Danish innovator Kyndestoft builds novel sprayer	19	4	26	
Seven setting flow control on sprayer helps liquid fertiliser	19	4	27	
Maize planter is mounted on trailed sprayer with liquid fertiliser for c	19	4	27	
Silage roller removes air, improves feed quality, expands clamp cap	19	4	27	
GPS steers 3-pt implements for better accuracy	19	4	28	
Biogas developments in Europe are big time	19	4	28	
Smart phone app records work details - ideal for contractors	19	4	29	
Livestock feed system is remotely controlled on-line	19	4	29	
Sewer and drain pipes with different diameters are connected with :	19	4	30	1
Cow foot washer uses rotating brush and water	19	4	30	
Ten belt-tightening tips from Management Today	19	4	31	
Twin-Set spanners provide two of every size	19	4	32	
Tidying marginal land hits habitat	19	4	32	
Trucking and transport - getting the back haul	19	4	33	
Feeling flu-ey? It might be leptospirosis	19	4	33	
Fix-it helps people mend rather than replace	19	4	34	
Be aware of genetic defects when buying breeding stock	19	4	34	
Should your next ATV be a UTE? Review	19	4	34	1
Tax saving tips for the year end 2010/11	19	4	36	
Rabbit netting laying machine buries, covers and rolls out	19	4	38	1
Equipment for contract airfield maintenance	19	4	40	1
Gem de-mount sprayer moved from FasTrac to MB Trac	19	4	41	
Gearbox oil filler used fire extinguisher	19	4	42	
Pre-Emergent markers built on John Deere 750A no-till drill	19	4	43	
Fertiliser bag handler has novel high strength design for 4 x 650kgs	19	4	44	1
Control box on Claas Axion 820 bus-bar modified	19	4	45	
Camera on Claas Axion shows approaching traffic	19	4	45	1
Toolbox and workshop pack mount outside Claas Axion door	19	4	46	1
Reco 40 trailed forager spout swivels twice the regular angle	19	4	46	
Modification to self propelled salt spreaders for easier use	19	4	47	1
Three strand sheep electric fencer wire reeler is electric powered	19	4	48	
Dairy expansion involves new machinery	20	1	5	
Roof ridge lifted on calf shed building	20	1	6	
Bale squeeze made from Parmiter grab	20	1	6	1
Makita BTD 140Z impact driver has 1000 uses	20	1	7	
Air transfer tube for emergency inflation	20	1	7	
Cow cubicle brisket board	20	1	8	
Cubicle Heel stone	20	1	8	
Feed trough has resin painted floor	20	1	8	
Calf trailer made from steel oil tank	20	1	8	
RS mixer wagon makes multiple rations	20	1	9	
Outdoor clamp design in rock chalk	20	1	9	
Waikato backing gate uses crash barrier rails	20	1	10	
Cattle race made from crash barriers	20	1	10	
Gates secured with simple chain latch	20	1	10	1

John Deere 6930 has workshop built 600kg weight	20	Tel 01994 240978	1	
CCTV camera on handler boom helps loading	20	Fax 01994 241279	1	
Spare wheel for grass rake reduces downtime	20	1	13	
Phone holder in cab means fewer missed calls	20	1	13	
Muckfork tines have wearing strip	20	1	14	
Wheel makes former to curve steel	20	1	14	
Vicon hopper is useful for feed	20	1	15	
Rear step and platform for Kuhn/Accord drill	20	1	15	
Footbath built-in to trailer - travels to sheep	20	1	16	
Cattle grid with orange safety netting stops sheep	20	1	16	
Dual purpose 1.5 ton trailer has useful features	20	1	17	1
Sheep ideas from Exmoor	20	1	18	
Thistle fork on end of shepherd's crook	20	1	19	1
Water meadow management	20	1	19	1
Ifor Williams twin axle needs two spare wheels	20	1	19	
Lambing aid tips ewe into perfect position for difficult delivery	20	1	20	
Prolapse spoon is useful lambing tool	20	1	20	
Lucozade bottle ideal for navel dip	20	1	20	
Loader adaptors allow implement switching	20	1	21	1
Harrington sheep handler is better than roll-over crate	20	1	22	
Foam bout marker simpler to use than GPS	20	1	22	1
Multi-logging frame adds to chainsaw safety	20	1	23	1
Mobile sheep handling system made from pig crates	20	1	23	
Sheep shedding gate has novel design	20	1	24	
Loader mounted wire and netting unroller	20	1	24	1
Log splitter copes with hard elm trunks	20	1	25	1
Welding bench made with girders	20	1	26	
Gates have easy-to-use handles	20	1	26	1
Warranty claim advice	20	1	27	
Managing scrap metal sales	20	1	27	
Is GM back in business and due to arrive in Europe?	20	1	28	
Farming scholarships from the Farmers Club and Nuffield	20	1	28	
Fuel saving methods	20	1	29	1
Nestle boss criticises US ethanol fuel policy	20	1	30	
Wild boars in Texas	20	1	30	1
Citizen's rights when handling court bailiffs	20	1	31	
Farming Forum helps farming communications	20	1	31	
Commodity trading and its effect on prices	20	1	32	
Could PIGS upset the farming apple-cart?	20	1	33	
Tips to consider before you start generating renewable energy	20	1	34	
Loader mounted hedge cutter uses combine parts	20	1	37	1
Seed drill filler uses hopper auger trailer	20	1	38	
Post hole auger made for mini-digger arm	20	1	38	1
Slurry tower stirrer trailer	20	1	39	
Lane grader is trailed, has adjustable height	20	1	39	1
Trailed one-pass combination drill goes on 60hp IH 644	20	1	40	
Claas combine gets major upgrade	20	1	42	
Combine header auger speed reducer	20	1	43	
Starter motor is used for reversing combine header	20	1	43	
Back-hoe tractor becomes multi-functional	20	1	44	1
Simple crane uses tractor 3-pt linkage	20	1	45	1
Silage grab shovel saves time loading feed wagon	20	1	46	
Weed harrow cuts chemical use	20	1	46	
Go-Cart based on Mazda 323 is useful round yard	20	1	47	1

Road sweeper made from hay rake	20	Tel 01994 7240978		1
Direct seeder for grassland uses drill on cultivator	20	Fax 01994 241279		
Bale trailer has auto secure frame to hold load	21	4	6	1
Cost reductions help dairy survival	21	4	8	
Workshop loft stores fert spreader in the dry	21	4	8	
Cattle management based on loose housing	21	4	9	
Easy ball hitch for ATV trailers	21	4	9	1
Teagle 808 modification prevents turn ram damage	21	4	10	
Changing oil in JCB Loadall hubs	21	4	11	
Standard link arms get modern style hooks	21	4	11	1
Dramone 80mm big ball hitch fits on 3-pt frame	21	4	12	
Pre-em markers on Vaderstad drill strengthened	21	4	13	
Trailer ATV sprayer made from 6m 300l Hardi	21	4	14	
Bucket extension takes it to 2 tonnes	21	4	14	1
2000l diesel bowser built for £600	21	4	15	1
Heavy duty fertiliser bag handler carries two	21	4	15	1
2000 gall Star tanker converted to 6000 gal nurse tank	21	4	16	
New Holland round baler hinges adapted for added strength	21	4	16	
Front weight has stone bucket mounted to it	21	4		1
Variable front weight with home built box carrying leaf weights	21	4	17	1
Silage additive machine on grass rake saves baling time	21	4	18	
Baler front box carries spare flights, vice and tools	21	4	18	
Additive applicator for Strautmann forage wagon	21	4	19	
World population is now expected to peak in 2050	21	4	20	
Texan farmers set up Indemnity Fund for mutual protection	21	4	20	
Declining interest in the Natural World	21	4	21	
LAMMA 2013 - another outstanding success	21	4	21	1
Aluminium repair methods for irrigation pipes and 'monkey metal'	21	4	21	
Fast tubeless tyre repairs	21	4	21	
Replacement spirals for augers, diet feeders, combines	21	4	21	
New PTO guard design in inexpensive product	21	4	21	1
#clubhectare group meet at Lamma	21	4	21	1
ATV rear link box gets major LAMMA award	21	4	21	1
Front weight has integral pressure washer and tank	21	4	21	1
Multi-use sheep trailer	21	4	21	
Farm succession - expert advises on the advisors you need	21	4	25	
Tractor safety: road fatality: straw trailer tips onto car while rounding	21	4	26	1
The Oxford Farming Conferences	21	4	26	1
Cargill close 4,600 cattle/day Plainview plant	21	4	27	
Are you still windy about going for a turbine?	21	4	28	
Farm Walk Orkney Special with John Copland and Graham Henry,	21	4	30	1
Innovations abound in the Orkney Isles	21	4	30	1
Roll-on Roll-off livestock container design	21	4	31	
Tyres are roped together to make 5 x 5 mats for silage	21	4	32	
Propcorn auger is made with 6in water pipe	21	4	32	
Round silage bale spike is also bale cutter	21	4	33	
RedRock Diet Master adapted for two sided discharge	21	4	33	
30ft livestock container goes on flat bale trailer	21	4	34	
Buckrake converted to loader mounted work platform	21	4	34	1
25ft long silage dozer fills narrow feed passage	21	4	35	
Cow catcher mounts on loader	21	4	35	
Diesel bowser made from 3,500 lit slurry tanker	21	4	36	1
Combine header divider modified for tough Orkney crops	21	4	36	
Hand washer mounted on slurry reeler	21	4	36	

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IBC converted to handle / stor 1/2t of rolled barley	21	4	36	
Umbilical slurry spreader has concertina wind skirt	21	4	37	
Two silage bales carried wrapped or raw	21	4	37	
6m aerator has novel umbilical slurry spreader on it	21	4	38	
Beef herd improves slaughter weight and reduces rearing time	21	4	39	
The benefits of micro-managing a beef herd	21	4	39	
Fencing wire reeler for ATV	21	4	39	
Keenan Klassic 140 modifications	21	4	40	
They mix 8 or more diets for different cattle groups	21	4	41	
Mech-Fiber system from Keenan is providing results	21	4	42	
Twin mower has front marker for straight driving	21	4	42	
Auger applies Propcorn - has hatch for easy calibration	21	4	43	
Post driver on tracked machine does up to 100 posts/hr	21	4	44	1
Yanmar C30 conversion with front 3-pt and wire carrier	21	4	45	
Old wire is wound up on fencing stake	21	4	46	
ATV rear box is secured with flip-over antiluce clips	21	4	47	1
Workshop press uses 20 ton bottle jack	21	4	47	
Wheel lifter pulls old barbed fencing wire from thick grass	21	4	48	
New 'Beef Barn' building has reverse ventilation	22	1	5	
Beef Barn system has cattle handled the Grandin way	22	1	5	
Beef Barn uses ventilation fans 20ft diameter	22	1	6	
Beef Barn uses new Stabiliser breed of beef cattle	22	1	7	
Ideas from the Orkney Isles	22	1	9	1
Low cost one-man lamb weigh scales	22	1	10	
Mobile loading ramp puts cattle in lorries	22	1	10	
Home made livestock trailer has non-slip epoxy floor and more feat	22	1	11	
Sliding door rail uses rsj	22	1	12	1
Cattle crush has adapted loading gates for easy working	22	1	12	
Lightweight yard gates make easy cow management	22	1	13	
Bedding straw is treated with 2% paracetic acid	22	1	13	
Silage sheet holder uses adapted osma drain pipes	22	1	14	
Loader extension fits on pallet forks - stacks an extra layer of bales	22	1	15	1
Triple axle artic trailer get dolly for tractor work	22	1	16	1
Slurry mixed in with FYM is still 'stackable' for NVZ regs	22	1	18	
Steel slats for yard run-off replace inefficient concrete ones	22	1	19	
Bunning spreader has high bars for big loads	22	1	19	
Farmer-engineer from Essex coast	22	1	20	1
Home built packer roller fits on Keeble cultivator	22	1	21	
Packer designed on computer built around Vaderstad rings	22	1	22	
Two x 12ft Klonskilde cultivators make 24ft implement	22	1	24	
Plasma cutter is computer controlled for high accuracy, repetition	22	1	24	
Altering wheel centres for different stud patterns	22	1	25	
Cover cropping - farming is biology, not chemistry - Science into Pr	22	1	26	1
Work study in mining has relevance to farming	22	1	28	1
Tuning the suckler herd	22	1	28	
Suckler cows: good maternal traits are more than milk	22	1	28	
Faecal worm counting will help reduce wormer resistance	22	1	29	
Rodeo bulls are kicking higher, bucking harder	22	1	29	
Get a discussion going	22	1	30	1
Mole catcher gets the thief, police look on	22	1	30	1
CAP subsidy payments are far from 'common'	22	1	31	
Milk prices - prepare for tough times ahead	22	1	31	
White farmers in Nigeria have faced difficulties	22	1	31	1
Thinking of austerity farming? Perhaps you should think again - Fin	22	1	32	1

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Fire wood processor is mounted on 'Special Vehicle' taxed lorry	22	1	36
Farm Walk with Matt, Jeff and Gordon Redman	22	1	38
4000 litre bowser is made to super quality	22	1	39
Twin axle trailer made in 1983 was cut out with hacksaw	22	1	39
Drain rack for chemical containers collects in plastic trough	22	1	40
Grain dozer is 3.5m long and has no grain traps	22	1	40
Outside fuel tanks have mono-pitch roofing	22	1	41
Tipper trailer transforms to flatbed with body swap	22	1	41
Mounted Horstine TMA4 spreader gets lighting board	22	1	42
3,000 gall bowser has rust-free aluminium tank	22	1	42
Rat baiter is made from top of oil drum	22	1	43
Houseman AR 3000 sprayer is customised	22	1	44
Workshop stove burns wood, cardboard	22	1	44
Waste oil system pumps to outside to large holding tank	22	1	44
Rubbish container keeps trash dry	22	1	45
Axle stand has pin with safety lock	22	1	45
Workshop racking design uses angle iron	22	1	46
Work platform made using lorry chassis uprights	22	1	46
JCB 4-in-1 bucket converted for farm handler	22	1	46
Oil catcher keeps vehicle pit clean	22	1	47
Oxy-gas bottle trolley uses adapted car wheels	22	1	47
Wheel-about workbench	22	1	47
Tractor front weight adjustable to 800kg, has box	22	1	48
Oil barrel rack is bunded, clearly labelled	22	1	48
Oil barrel lifter uses scissor grip to handle safely	22	1	48
40 gall oil drum opener unscrews bung, spikes air hole in top	22	1	48
Tip-up cattle crush for foot trimming	22	2	5
Trike adapted for fast electric fencing	22	2	6
Replacement gaskets for milk plate coolers	22	2	7
Two-way log splitter is very fast	22	2	8
Calf milk mixer, 40 gall, pumps into teat feeders	22	2	10
Concrete bridge is 12ft wide made, installed by farmer	22	2	11
Cover Crop crimper from Rodale Institute - construction details	22	2	12
Round bale unwinder for mulching, feeding, bedding	22	2	13
Crowd barriers make good calf pens and more	22	2	14
Compost turner/maker fits on 3-pt	22	2	15
Welder earth clamp design is novel, effective	22	2	17
Bender for salvaged steel re-bar	22	2	18
Silage film centres protect water pipes	22	2	19
Home built slurry tanker with stainless tank does 30 years	22	2	19
Molasses stored in Bedford TK milk tank	22	2	20
Lame cows have preferential treatment	22	2	20
Dump trailer has new floor with curved sides	22	2	21
Mini Minor car body spit makes easy working	22	2	22
Manual metal sheet bender	22	2	23
Post holes dug easily using claw weeder	22	2	23
Barrel carrier for Claas forager	22	2	23
Young Farmer Enterprise Page	22	2	24
Contractor, 21, been in business 7 years	22	2	24
Ag engineer builds business soon after college	22	2	25
High wealth farmers need special farm managers	22	2	25
Home built metal folder helps young ag engineer	22	2	26
Gas profile cutter pulls in farm work	22	2	27
Trailer re-build helps cash flow	22	2	27

Giant log splitter made to order	22	<del>01994</del> 01994 240978	1
Trailer light folds - ingenious and improved safety	22	<del>01994</del> 01994 241279	
Yard scraper made on spec	22	2 29	1
Be wary of Off-Piste high risk financing	22	2 30	
Early drilling advice and guidance	22	2 32	
Super-sized cultivator from Dal.Bo	22	2 32	
Tungsten cultivator point welds to any leg	22	2 33	
Can we get through the 10t wheat plateau?	22	2 34	
McConnel break into seed drills	22	2 34	
Round baling with film, not net, makes better silage	22	2 35	
Dung beetle facts, advice	22	2 35	
Managing Cover Crops Profitably	22	2 36	
Growth figures paint bleak bTB picture	22	2 36	
Cornish farmer finds solution to 'Slash and Burn' starts Inga Found	22	2 37	
- the slash and burn problem	22	2 38	
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