

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	Tel 01994 240978		
Recalls	1	Fax 01994 241279		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

Windmill powers water system	1				
Woodburning stove	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 Buggy 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	2	1	1
Front mounted concrete mixer	2	3	33	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

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Pipe bender fits log splitter	2			
Plant memories - Farmworld	2			
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	

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Stone picker fits onto loader bucket	2	Tel 01992 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	
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Ring feeder mover mounted on yard scraper	3	3	8	
Roller fitted with wheels for transport	3	3	18	
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Slurry filter stays unblocked	3	2	30	
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Slurry tanker fitted with reliable lights	3	2	17	
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Teenagers savings get taxed	3	4	11	
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Belting makes good mud guards	4	2	32 1
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Birthday candle miracle workshop tool	4	3	36
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Glider winch built in farm workshop	4	3	9	1
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Muck spreader - truck conversion	4	3	20	
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Loader fitted with parking stand	5	1	39	1
Log grip for saw bench	5	2	28	1
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Front weight frame for Fords	6	2	11	1
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Milk cluster prop	6	4	15	
Milk pipe clip	6	3	39	1
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Mirrors fold back for better view	6	3	36	
Mixer, concrete, trailed	6	3	16	
Mobile feed bin from factory ducting	6	2	29	1
Mobile hay racks for sheep	6	1	29	
Mouse trap	6	4	44	1
Multi-grip	6	4	31	1
Nitrogen fertilisers compared	6	2	9	
Padlock protector	6	4	32	1
Parlour doors operated by hydraulic rams	6	4	29	
Plant stress reliever spray	6	1	7	
Plough mounted cultivator	6	2	34	1
Poultry house lighting system	6	2	30	
Power clamp	6	3	18	1
Power harrow drawbar	6	2	36	
Pressure washer made with compressor	6	2	35	1
Puller - workshop tool	6	3	19	1
Rad sweeper, all directions	6	3	16	1
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Ring feeder adaptations	6	4	30	1
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Round bale wrapper	6	2	18	
Royal Show cultivator round-up	6	1	28	1
RSJ frame makes workshop press	6	4	34	1
Safety spoiler	6	3	13	
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Concrete mixer fits loader	7	1	6
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Drain channel keeps yard clean	7	1	37
Drawbar has shock absorber	7	2	38
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Dust extractor for DIY sander	7	1	9
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Electric dog speeds milking	7	1	18
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Feed barriers fold sideways	7	3	8	
Feed barriers have scissor action	7	2	14	
Feed barriers hinged	7	2	11	
Feed hopper shutter handle	7	4	19	
Feed rail adjusts	7	3	16	
Feed trailer fits ATV	7	3	12	
Ferguson high-boy	7	2	13	1
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Fert spreader mods for trailed Vicon	7	3	6	1
Filling fuel uphill	7	2	37	1
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Implement sale policy	7	3	22	
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Industrial loader fits tractor	7	3	15	1
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Irrigator pump does crops and slurry	7	1	38	
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Land drainage	7	4	44	1
Land leveller	7	4	16	1
Land Rover pedal lock	7	1	12	1
Land Rover rear bumper	7	2	12	1
Loader adapted to go higher	7	4	17	1
Loader extension	7	2	26	1
Loader given quick attach	7	1	13	1
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Lock for doors built-in	7	1	8	1

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Metric made simple	7	4	26	
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Mobile roller mill	7	2	27	
Mower adapted to top at 6"	7	3	13	
Mower spreader hoods	7	4	35	
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NH 1905 forager adapted	7	3	38	
Pick-up hitch easy to make	7	4	11	1
Plant population calculator	7	1	16	1
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Plastic mulch winder	7	1	32	1
Post top protector	7	1	16	1
Potato trailer has conveyer	7	4	5	
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Range Rover pick-up conversion	7	1	5	1
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Rear loader converted as 4 bale spike	7	1	19	1
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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
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Scour pill doser	7	1	15	
Scraper uses construction tyre	7	4	18	
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Silage saver	7	3	17	
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Sliding door lock	7	1	12	1
Slurry stirrer extended	7	1	7	
Slurry tower stirrer control	7	4	8	
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Sprayer filled with exhaust pressure	7	1	10	
Sprayer front tank	7	3	29	
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Spring loaded heavy-duty scraper	7	Tel 01994 240978		
Stabiliser bars for DB1290	7	Fax 01994 241279 1		
Steel drum gets lid	7	4	31	1
Steel, its use in farming	7	3	44	
Stone collecting trough on roller	7	2	6	
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Swinging cubicles	7	3	19	
Tax bill planning and presentation	7	1	33	
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Tool chest on trailer	7	3	7	
Topper improved	7	4	27	
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Tractor wheel reinforcement	7	4	6	1
Trailer has folding decking	7	2	19	1
Trailer parking brake automatic	7	4	20	
Trasher/mower on 3-pt	7	1	28	
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Wire reeler mounted on trike	7	1	35	
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Air line reeler	8	4	43	
ATV ramp means no stopping	8	4	18	1
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Bag flow control tourniquet	8	4	15	1
Bag spike for drilling	8	3	44	
Bale handler loads across trailer	8	2	6	1
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Baler (Cl.Rollant) knife indicator	8	2	18	1
Band saw stand	8	4	9	
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Big bag handler	8	3	19	1
Bird scarer uses CDs	8	4	14	1
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Blower truck made into trailer	8	1	8	
Box section dangers	8	2	21	
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Braking system for older DB tractors	8	3	16	1
Bucket for Hymac is 9 ft long	8	3	7	1
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Calf trailer uses caravan chassis	8	4	8	

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Fold up yard gate	8	2	13	1
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Ford truck makes ideal tractor	8	2	12	1
Front press uses Rabe parts	8	2	43	1
Front weight rack	8	3	39	1
Gang roller covers 24 ft	8	4	5	
Garage doors slide electrically	8	1	16	1
Garden table made from cable reel	8	2	20	1
Gate hooks	8	1	9	1
Gate trolley saves your back	8	1	29	1
Gates have special centre latch	8	1	40	1
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Mobile fuel tank fits pick-up	8	1	42	1
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Play house looks like tractor	8	1	33	1
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Post knocker mounts on front linkage	8	3	15	1
Potato riddle saves labour	8	4	10	
Potato web tools	8	3	41	
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Tough pipe protector	8	3	28	1
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Tractor cab layout	8	1	10	1
Tractor front frame truly multipurpose	8	1	19	1
Tractor lift performances	8	2	23	1
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Trailer gets skirt, stays clean	8	4	18	
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Transforming unproductive soils	8	3	21	1
Transit cab made a double	8	3	20	1
Tree breeding from local species	8	2	27	1
Truck compressor in workshop	8	3	12	
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Workshop bench is re-designed	8	4	12	
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Workshop trestle bench 'always flat'	8	3	18	
Yard divider uses electric fence	8	4	39	
Yard scraper is 11 ft wide	8	4	29	
Zero grazer uses standard mower	8	3	23	1
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ATV speedo	9	1	44	1
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Bird scarer	9	1	28	1
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Compressor adapted	9	1	29	1
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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
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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
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Garden drill former	9	4	8	1
Gate division for cubicles	9	2	19	
Gates open vertically	9	1	9	
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Generator uses truck engine	9	1	10	1
Grain pedestals	9	2	43	
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Hacksaw works with tractor hydraulics	9	1	13	
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Hitch allows driverless towing	9	1	14	1
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Hydraulic jack for trailer train	9	3	12	1

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Plate cooler efficiency multiplied	9	1	24
Post knocker heavy duty	9	3	11
Power harrow scraper mods	9	2	13
Power harrow sideguards	9	4	21
Precision farming	9	1	20
Re-seeding grassland	9	2	20
Ring feeders make creeps for lambs	9	4	27
Roller 26ft weighs 10 tons	9	1	11
Roller door stabiliser	9	1	30
Roller folds hydraulically	9	2	42
Roller has weight transfer	9	3	9
Round baler unblocking adaptation	9	4	12
Royal Show report	9	2	16
Safety trailer light	9	2	29
Scraper adaptations	9	2	6
Sheep feeder loads troughs	9	4	10
Sheep snacker for ATV	9	3	41
Silage feeders for horses	9	4	5
Silage grab repair ideas	9	4	16
Silage trailer sides 'slot-in'	9	1	17
Simba position indicator	9	3	6
Slurry pipe cleared with comp air	9	2	41
Slurry sluice straight into spreader	9	4	13
Slurry stirrer mods	9	1	11
Slurry switch 100% reliable	9	2	17
Soil sampler	9	2	18
Spiral staircase	9	1	29
	9	3	11

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Spray boom extended 15 to 18 m	9			
Spray tank washer adaptation	9			
Sprayer inter-row for veg etc	9	4	22	
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

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	01994	240978	
Drawbar - Self tracking - Farm Walk	10	Fax 01994	241279	1
Drill lever	10	2	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
Muti-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

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	
Econmist 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	
Wheely scarey keeps rooks well away	11	4	41	1
Winged subsoiler improves power harrow	11	2	30	
Wire strainer stretches on either side of post	11	4	15	1
Wool sheet frame for easy packing	11	1	12	
Workshop without the "where is it"?	11	3	44	
World's biggest crimper	11	2	45	
Yard is quick-scraped and auto-washed	11	4	9	
Yard space saver	11	4	13	
Access platform has neat feature	12	1	25	1
Agricultural property relief - what farmers need to know	12	1	31	
Agriculturalised Leyland truck made by Parker	12	1	5	1
Air brakes retro-fitted to farm trailer	12	1	41	1
ATV cultivator	12	1	16	
Auger modifications make moving it easy	12	1	27	
Bird scarer has revolving owl	12	1	6	1
Cambridge roller has road frame	12	1	7	
Cattle cake stored in tipping trailer	12	1	12	
Cattle head yoke has patent nose catcher	12	1	28	
Concrete laying / tamping tool	12	1	26	1
Dairy cake feed system	12	1	47	
Dividend payments better than bonuses	12	1	20	
Farm workshop plans, installation, tools	12	1	36	
Feed troughs mobile -filled and moved to stock	12	1	10	
Fencing machine carries stakes, pays out netting	12	1	15	1
Fert spreader has mud flap fitted	12	1	14	1
Fibreglass repairs for steel slurry tanks	12	1	39	
Fire extinguisher holder	12	1	43	1
Flexicoil gets transport wheels	12	1	26	
Forager chute extended to cope with big trailers	12	1	44	
Ford tractor step improved for dogs and drivers	12	1	27	1

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Goat feeders in parlour speed work, save money	12			
Grain trailer skirt saves corn, ups quality	12			
Grain wall base protected by steel rubbing strip	12	1	13	
Grass aerator improved with rake tines	12	1	8	
Head yoke built into bull pen for safety	12	1	28	
Hydraulic press has 30 ton pressure	12	1	41	
Land leveller uses rail track	12	1	29	1
Land Rover Discovery leaks	12	1	22	1
Magpies damage farming image	12	1	24	1
Manitou service cable problems solved	12	1	46	1
Matbro mudguard extensions	12	1	9	1
Milk dump line cuts contamination problems	12	1	45	
National register of Spray Operatives	12	1	21	
Parlour exit gate has remote control	12	1	48	
Plough depth wheel repaired with flat plate	12	1	25	
Plough scraper stays on machine	12	1	8	
Plough shine retained with WD40	12	1	15	
Post driver works on compressed air	12	1	30	1
Power harrow adjusts on the move	12	1	43	
Respecting rats - farmers health	12	1	34	
Rotaspreader converted to big bale silage feeder	12	1	13	
Rotaspreader lid fixed to save expensive repair	12	1	7	
Slurry pipe crosses road on temporary bridge	12	1	11	
Subaru Justy 4x4 excels on farm	12	1	12	1
Subsoiler's leg removed without a spanner	12	1	25	
Trace element balancing saves £8k on farm vet bill	12	1	18	
Tractor / Fastrac mirror gets wiper	12	1	40	1
Trailer lighting - cable system saves damage	12	1	44	1
Trailer parking security system	12	1	47	1
Trailer with HIAB has own engine	12	1	46	1
Twose Buckrake headstock geometry improved	12	1	47	
Tyre pressure indicator in valve cap	12	1	38	
Weed wiper with auto control	12	1	38	
Work table in cattle yard aids record keeping	12	1	9	
Double gate in cattle yard closes firmly	12	2	5	
Hot tub made from plastic water trough	12	2	5	1
Flat rolls coupled to give 20ft width	12	2	5	
umbilical slurry system pumps 2 miles with inter tank	12	2	6	
360° slew loader converted to timber crane	12	2	7	1
Tree lopper cuts 14in thick hardwood	12	2	8	1
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	
Grain venting / drying is simple and inexpensive	12	2	10	
Tractor bonnet mirror adds safety, cuts accidents	12	2	11	1
Spiral cut alkathene pipe makes hydraulic hose / cable guard	12	2	12	1
Pressure washer has twin pumps for double output	12	2	13	1
Muck spreader on flotation tyres cuts soil compaction	12	2	14	
Chicken feeder with 6cwt hopper fits skid steer	12	2	14	
Kidd straw chopper transformed with delivery chute	12	2	15	
Metal Man from Cheshire farmer Ed Walley 65ft high	12	2	16	1
Crocky Trail farm park features original rides, events	12	2	17	
Tractor gearbox design explained power shift variable transmission	12	2	18	
Simba Aqueel dimple roller	12	2	20	

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Seasonal workers law and regulations	12	2	25	
Ridge and furrow restored in South Wales	12	2	25	1
ATV is two wheeler, better, safer and cheaper	12	2	27	1
Deep zone tillage - a US farmers approach to low cost arable farming	12	2	28	
ATV tipping trailer uses hydraulic jack	12	2	29	1
Electronic sheep counter helps shearers, shepherds	12	2	30	
Welly rack keeps boots dry	12	2	30	1
Quick attach allows interchangeability between Matbro and Case di	12	2	31	1
Tractor battery change-over switch for electric fencing, shed lighting	12	2	32	
Rod link trace tool makes changing easy	12	2	32	
Raising capital by selling parcels of land, barns, cottages	12	2	33	
Salmonella continues to threaten farm health	12	2	35	
John Deere GreenStar tracking system	12	2	38	1
Garford Robocrop Vision Guidance system	12	2	39	1
Stocks AgriTrac for low ground pressure	12	2	39	
John Deere CTS combine has twin rotor separator	12	2	40	
Kverneland plough is on-land / in-furrow machine	12	2	41	
Gas bottle is portable air container	12	2	42	
Timber calf hutches are low cost rearing system	12	2	43	
Combination drill is Accord air seeder on Triple K spring tine	12	2	44	
Cauliflower / vegetable harvester fits on MF 35	12	2	45	
Building steel farm sheds - tips for DIY	12	2	46	1
Trailer adapted for daffodil pallets, containers, for supermarket	12	2	47	
Feed bin made using scrap oil tanks	12	2	48	
Power harrow tows flat roller for better seedbed	12	2	48	
Workshop centre of big farm operation	12	3	5	
Subsoiler legs modified to extra working hours	12	3	6	
Chain tensioners on straw laying machine use rubber Indespensior	12	3	6	
Oil seal 'grooving' on shafts repaired with sleeve	12	3	6	
Fastrac axle repair tools - hub remover / bearing installer / diff remc	12	3	7	
Commercial axle hub handler tool	12	3	7	
Simon bed former rotor made with simple jig	12	3	8	
Lemken Terradisc axle holder made with workshop jig	12	3	8	
Topper heads on Simon beet harvester	12	3	8	
Zetor front weight frame carries Ford weights	12	3	9	1
Simba cultivator has rubbish bin for grease cartridges	12	3	9	
Lift frame for cambridge roller	12	3	9	
Temporary milking parlour set up in cubicles	12	3	10	
Silage nudger pusher uses rotaspreader wheels	12	3	11	
Combination power harrow / trailed Falcon drill	12	3	12	
ATV trailer tips with novel gas strut system	12	3	13	1
Welding techniques, MIG tips, electrodes for special work	12	3	14	
Safety ideas - seven low cost ways of avoiding farm accidents	12	3	16	
Work cage for loader made to top spec	12	3	17	1
Pulley guards made from plastic tubs	12	3	17	
Safety ladder for grain bin	12	3	16	
Rat baiter is waterproof, holds good quality	12	3	18	1
Fert spreader is adjusted on the move using light reflection	12	3	19	1
Norsk Agri Hydro Sensor	12	3	19	1
Ntech Greenseeker reads light reflections for control	12	3	20	1
EIU forecast for grains and soft commodities	12	3	22	
Dangers of using gas bottles for compressed air	12	3	25	
Water conservation preservation helps crops	12	3	25	1
Family farm runs low cost older equipment	12	3	27	

Hay tedder is prevented from wobbling, swinging	12			
Cook bale sledge folds with winch	12			
Building is clad using lorry tarpaulin	12	3	29	1
Flat eight grab brackets fitted to maximise lift height	12	3	29	1
Fertiliser bag handler designed around safety	12	3	29	1
Barn has straw stored on outside, hay in the centre	12	3	30	1
Kverneland plough headstock reinforced	12	3	30	
Power harrow performance improved with eradicator tines	12	3	31	
Hydraulic control for older Vicon fertiliser spreader	12	3	31	1
Feeder trailer has top robust design	12	3	32	
Calf crate makes for easy treatment	12	3	32	
Shedding gate for parlour controlled from the pit	12	3	33	
ATV trailer is 4 wheel turntable model	12	3	34	1
Hiring good staff employment matters, sickies,	12	3	35	
Self employed or employee? Questions answered	12	3	35	
Insect bites anaphylactic shock, treatment, prevention	12	3	38	
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Forage harvester converted to 30ft self-prop mower	12	3	42	
Workshop heater uses waste sump oil	12	3	42	
Claas 3000 rake computer repaired with simple home made system	12	3	43	
Front mounted compressor for umbilical slurry kit	12	3	44	
Silage trailers are home built	12	3	45	1
Bale spike adjusts for different round / square bales	12	3	46	1
Boot scrub machine cuts disease, improves bio-security	12	3	46	1
Mid mounted wheels on disc harrow	12	3	47	
Muck box used in livery horse stables	12	3	47	1
Power harrow headstock with lifting tubes	12	3	47	
Pig gate is multi-directional	12	3	48	
Folding gate is cattle proof, cuts 30ft yard	12	3	48	
Cage on loader improves cattle management	12	4	5	
Winder for load straps helps safety, prevents strap damage	12	4	6	1
Silage bunker design easy to clean, strong	12	4	7	
Rolling work bench good in workshop and outside	12	4	8	
Scraping holes for slurry have crash barrier doors	12	4	9	
Dairy - tail tape for stale milkers	12	4	10	
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	
Farm owned umbilical slurry system reduces risk of farm-to-farm di:	12	4	12	
Twin nozzle umbilical spreader bar	12	4	13	
Cubicles have car tyre rails for comfort, cow safety	12	4	14	
Gate has 360° hinge	12	4	15	
Skid steer with dangerous, prosectable modification	12	4	16	1
Quad bike with dangerous seat adaption	12	4	16	1
Removing wheels rusted to hubs	12	4	17	
Thread repair method saves axles, rethreading	12	4	17	
Fertiliser spreader maintenance	12	4	21	
Farm leisure insurance premiums	12	4	24	
Appeal system for excessive legal bills	12	4	26	
Hose reeler for trickle irrigation system	12	4	28	
Grain hopper feeds Opico / Master drier	12	4	29	
Sprayers adapted for 2m and band spraying work	12	4	30	
Root washer for valerian and other special crops	12	4	31	
Cattle identification uses dewlap tags	12	4	32	

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Grain marketing, selling, strategies	12	Tel 01994 240978		
Agri chemical rules, interpretation,	12	Fax 01994 241279		
Land Rover conversion to pig feeder	12	4	40	
Pig trailer design improvements	12	4	41	
Oxy gas bottle trolley	12	4	42	
Tractor wheel falling off	12	4	42	
Round bale accumulator carries 3 bales	12	4	43	1
Pedestal grain drier thermo controlled to save energy	12	4	44	
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	
Skid mounted tools like compressors, pumps prevent theft	12	4	46	
Grain drier has alarm linked to mobile phone	12	4	46	
Lift / work cage design makes efficient high level work station	12	4	47	1
Front mounted stone tray	12	4	47	1
Kverneland PS100 plough has ram cover	12	4	48	
Beans sown direct using air drill cultivator rig	13	1	5	
Loader extension lifts bales extra 4 - 5ft	13	1	7	1
Milking parlour towel dispenser uses 25l plastic drum	13	1	7	
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	
Gypsy' shepherd with 5,000 flock set-up all on rented land	13	1	10	
Flying sheep flock logistics	13	1	10	
Ewe and lamb turn-out trailer carries 25	13	1	10	
Truck converted to twin deck sheep transporter for 125 ewes	13	1	11	
Drift lambing system cuts disease, aids low cost management	13	1	12	
Mobile sheep foot bath	13	1	13	
Wool sack frame makes filling easy for shearers	13	1	13	
Sheep electric fencing ideas for large flock	13	1	14	
Portable livestock watering system	13	1	15	
Livestock incinerator odourless, wood fired, takes 5 ewes	13	1	15	
Labour saving mobile sheep race and penning with adjustable side	13	1	16	
Farmer-shareholders in co-ops vulnerable to powerful directors	13	1	18	
Ten tips for trouble-free hydraulics	13	1	25	
High output cultivator on Fastrac uses shakerator legs,	13	1	27	
High output disc set with farm designed high speed setting system	13	1	28	
Triple K cultivator, packer roller mounts on front linkage of drilling tr	13	1	29	
Bomford B467 trimmer has re-located motor for better performance	13	1	30	1
New or used - machinery buying considerations	13	1	31	
Health - when not going to the doctor is the best policy	13	1	34	
Windscreen scratches removed like magic for minimal cost	13	1	35	
Loose wheel studs and the damage they cause	13	1	35	
Crane on 3-pt is jack-of-all-trades	13	1	36	1
Hopper for Master / Opico batch drier improves loading	13	1	37	
Hydraulic hose tidy fits implement drawbar	13	1	37	
Gears repaired with hard face weld	13	1	37	
Rubble sorter made using rail line	13	1	38	1
Front bumper guard saves scraper tractor from damage	13	1	38	1
Adjustable stand aids pillar / bench drill work	13	1	39	
Tyre bead breaker improves safety and guarantees success	13	1	39	
Low cost dairy system on 440 cow business	13	1	40	
Cow AI stalls help conception	13	1	40	

Cow kennels used for herd of 400 to reduce cost, aid management	13			
Rotary parlour has mirror to show what's happening in the centre	13			
Straw chopper has load platform to carry full Hesston bale	13	1	42	
Home built sequential bailing system in parlour increases throughput	13	1	43	
Slurry lagoon gets scraping piers to handle straw waste	13	1	44	
Feed bunker has rolling roof for direct tipping straight trucks	13	1	45	
Front linkage carries one ton	13	1	46	1
Barrow seeder reduces weed problems and gets top sward quality	13	1	46	
Trailer lights use Lumaflex fittings for durability	13	1	47	1
Ex MOD trailer fitted with HIAB crane handles fertiliser	13	1	47	1
Large herd self-feeds maize and grass silage	13	1	48	
Organic dairy farmer shares secrets of success	13	2	5	
Heavy 3m front press with 21in dia rings	13	2	6	
Tipping drinking troughs keep cow water fresh	13	2	7	
Cattle crush with slam yoke has opening sides for vet work	13	2	8	
New Holland round baler has better net wrap holder	13	2	8	1
Land Rover Defender tailgate stay modification for better strength	13	2	9	1
New Holland TL100 tractor gets 13 improvements	13	2	10	1
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
Fridge rack in cab holds lunch box and other essentials	13	2	12	1
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
Tractor door mirrors adapted to fit close to cab, avoiding damage	13	2	13	1
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	
Gas profile cutter is choice for farm workshop	13	2	16	
Radius arm drill	13	2	17	
Co-op directors can damage farmer shareholders	13	2	18	
Snail racing raises vital charity cash - how to set up a competition	13	2	22	
USA has Materials exchange schemes to help all	13	2	23	
Worn Land Rover springs fitted with lifters increase ground clearance	13	2	25	
Escort seats in Land Rover Defender add comfort	13	2	25	1
Min-Till drill based on Flexitine cultivator, Accord drill makes low cost	13	2	26	
Netting strainer design easy to make, gives even pull for stronger fence	13	2	28	1
Pedestal drier made from scrap parts	13	2	28	
Ways to, and not to, make economies in the farm budget	13	2	29	
Heath and the farmer - take bowel symptoms seriously	13	2	33	
Cattle crush designed for safe belly clipping	13	2	35	
Making a farm trailer - the easy way to construct it	13	2	35	1
Check chains on International 84 and 85 model improvements	13	2	36	1
Sheep panel design for easy made raceways and pens	13	2	37	
Double gate locking system easy for hikers	13	2	38	1
Bale stacker gets additional capacity to carry 56 conventional bales	13	2	39	1
Diesel bowser uses old sprayer tank	13	2	39	1
Trailer reversing aid protects buildings, improves safety	13	2	40	1
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
Hook-on tractor window protectors for hedge-cutting, mowing	13	2	42	1

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Workshop press design uses old hand pump	13	Tel 01994 240978		
Front weight frame on Case Maxxum modified to fit on linkage	13	Fax 01994 241279		
Colour coded hydraulic pipes for safety and accurate coupling	13	2	44	
Bale trailer design improved for fast flat eight loading	13	2	45	1
Working platform fits pallet forks	13	2	45	1
Cooks Super 16 bale sledges improved with re-routed pipes and cat	13	2	46	1
Baler fitted with drop-down stay to help slew turns	13	2	47	1
Claas Markant baler gets additional twine box for longer hours	13	2	47	1
Heavy duty buck rake takes industrial shovel power	13	2	47	
Twose front press modifications improve performance, reduce wear	13	2	48	
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
Lettuce producer relies on home built machinery - feature	13	3	6	
Simon bed former adapted to apply fertiliser and spray pre-emerge	13	3	6	
Parmiter discs modified to rip wheel tracks in lettuce crop	13	3	8	
Sheep snacker trailer drops feed in measured heaps	13	3	9	
Land Rover tailgate gap closed by plate - protects sheep legs from	13	3	10	1
Car lift makes inexpensive servicing aid	13	3	10	1
Home built cattle handling pen has design flaws- how not to make y	13	3	11	
Concrete pipe handler makes laying 12in dia pipes easy	13	3	12	1
Multi-functional transport box carries stock, bales, tools on loader	13	3	12	1
Aerosol cap adapted to protect fragile nozzle	13	3	13	1
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	
Oil filter removal tool turned with socket - makes easy filter removal	13	3	15	
Rear tractor wheel trolley uses bottle jack to provide micro adjustm	13	3	15	
1000l IBC makes mobile stock drinker - and has hay rack attached	13	3	16	
Tractor tyre store uses pallets for safety, ease of access	13	3	17	
Mower 'bumper' stops damage to fence posts when mowing headla	13	3	17	
Roll-on ballast roller trailer carries 12 ft roller	13	3	18	1
Hesston, D1000 bale bedding machine great for bull pens, adds sa	13	3	19	
Workshop heater burns 1/2 litre / hour of waste sump oil - building i	13	3	20	
EIU commodity price forecast for 2005 and 6	13	3	22	
The Irish potato famine - the facts and the lessons	13	3	26	1
Private limited cos face big tax hit	13	3	30	
Landlord's approach to insolvency	13	3	31	
Getting a grip on the farm overdraft	13	3	33	
Health and the farmer - Pneumonia - symptoms, risks and recovery	13	3	37	
Rabbit receipes - for a real country meal	13	3	39	1
Suspended walkways in grain store attach to rafters	13	3	40	
High capacity PTO grain vacuum cleaner beter than any electric ma	13	3	41	
Rainwater catchment tank saves water bill	13	3	41	1
Self propelled sprayer uses Sumo army truck, made for £3,000	13	3	42	
Drawbar support on tractor handles heavy loads, prevents flexing	13	3	44	1
Field gate protectors use concrete sleepers - prevent 4x4 trespassi	13	3	44	1
Lighting system on US Case shows innovation	13	3	45	1
Sweep auger for grain bin moves 50tons/hr, uses combine augers	13	3	45	
Simba Mono modifications improve performance, cut diesel costs	13	3	46	
Trailers built with RAF two-way suspension system	13	3	47	1
Diesel bowser made with domestic gas container	13	3	48	
Simple inexpensive pallet trolley moves, stores 3-pt implements	13	4	5	1
Silage transfer wagon loads fieldside truck for long haulage	13	4	6	

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Electric sheep fencing ideas save time, improve reliability	13			
Opico folding rollers have improved stone tray	13			
Power loader conversion for Fordson MIL, Horndraulic	13	4	8	1
Collecting yard walls made from crash barriers	13	4	9	
Fence post puller bracket	13	4	9	1
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	
Cake bin made with diesel tanks - fitted with well designed chute	13	4	15	
Perspex cab for JCB provides design lessons	13	4	16	1
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	
Clevis hinges and drop down double latch secures yard gates, bull	13	4	21	
Mobile phone screen restored with nail varnish	13	4	22	1
Inner tube rubber bands make universal tools in workshop, farmyar	13	4	22	
Keeping cow footbaths clean by good siting	13	4	22	
ATV cab made with quality PVC keeps driver warm and dry in all w	13	4	23	1
Adapted sparking plug make useful engine diagnostic tool	13	4	23	
Hay Bob tedder swing on headlands reduced for safer working	13	4	24	
Sheeted gates use crash barriers, fitted with good draught proofing	13	4	25	
Farm children and play facilities	13	4	27	1
Carbon dioxide 'fertiliser' lifts tomato, strawberry yields	13	4	27	
GPS tracking system helps management as well as vehicle security	13	4	29	1
The RASE and farm progress	13	4	30	
Vet medicines from Ireland, court case punishes farmer - is this righ	13	4	31	
Single Farm Payment implications on farm management policies	13	4	33	
Health dangers of anti-freeze, danger to children	13	4	35	
Oil additive improves engine life, fuel consumption, power	13	4	37	
Progressive min-till arable farmer manages for profit and lower worl	13	4	38	
Centreliner fert spreader adapted to hydraulic drive from PTO	13	4	39	
Hay racks for sheep take full sized round bale	13	4	40	
Implement shunter moves trailed implements with handler / foreloa	13	4	41	1
Grain pusher heaps and levels to 12 ft	13	4	41	
Log splitter has been used 15 years	13	4	42	1
Trailer has demountable sheep container, tows with Land Rover, tri	13	4	44	
Power limitations of New Holland TM190 for Min-Till operations	13	4	43	1
Kart for children	13	4	45	1
Concrete weight improves Parmiter disc harrow performance	13	4	45	1
Wet grain handling / storage system improves drier performance, g	13	4	46	
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	Tel 01994 240978		
Low cost vice clamp for pillar drill	14	Fax 01994 241279		
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	3	20	
Silage trailer is converted into top dumper	14	3	21	1
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 contractors 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

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
Ukranian 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	

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Weeping slurry wall made with concrete sleepers	15			
Mobile corn mill built on Rotaspreader chassis	15			
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 measures 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 ownership	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 quality	15	2	46	
Single pass rape seeding system uses Quigvone Tinemaster	15	3	5	
Cleaning out rust, pain in blind tappings on tractor, implement frame	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 parts	15	3	10	1
Waste oil trick helps remove tough nails	15	3	11	
Converting screen 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	
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DIY mineral licks cost 1/4 the price of bought ones	16	1	24	
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Workshop security methods keep tools, parts safe	16	1	45	1
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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
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ATV hitch has telescopic action	16	2	38	1
Retractable bale spike make stacking easier and safer	16	2	39	1
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Tower slurry stirrer mounts on handler	16	2	41	
Beef finishers make clever use of workshop innovations	16	2	42	
Feed hoppers are filled with blower system	16	2	43	
Outside feed hopper with flip-up lid holds 1.5 tons	16	2	43	1
Converted digger bucket holds double the volume of the standard C	16	2	44	1
Triple 8ft flat roller tows in line for transport	16	2	45	1
Flexicoil front linkage is adapted to fit second, third tractor	16	2	46	1
Hydraulic folding grass harrows extended to cover 21ft	16	2	46	
MOT failure cattle lorry converted to livestock box	16	2	47	
Balemaster machine spreads round straw bales in cattle pens	16	2	48	1
Extra long trailers with 36ft bed designed specially for straw carting	16	3	5	
Lightweight 4WD artic steer sprayer uses Transit axles	16	3	7	
Heavy duty mole plough has 5in bolt for big performance	16	3	7	
Workshop heater made from 6ft steel tank	16	3	8	1
Dumper truck converted to handy 1 1/4 ton loader powered with Fo	16	3	10	
Twin 6:6 abreast milking parlours milk 140 cows	16	3	11	
Farmhand hammer mill modifications improve speed, reduce power	16	3	12	
10ft hand operated sheet bender uses rail line	16	3	13	
Second axle on converted livestock truck trailer has innovative mou	16	3	13	1
Vicon RP1250 baler has modified rake wheels for better performan	16	3	14	1
Tractor based land mine clearance machine works Bosnia, Mozam	16	3	16	
Water troughs are kept clean by mounting them on concrete humps	16	3	16	
Compressor attachment packs Solwat bins for scrap plastic	16	3	17	1
Mobile outside calving pen for calving saves calves, vets bills, easy	16	3	19	
Wooden sheep hurdles creasote dipping system for disinfection, pr	16	3	18	
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	19	1
Weak timber uprights on building reinforced with concrete pillars	16	3	20	
Lambing management system uses simple marker system develop	16	3	21	1
Twin fert bag handler has frame to carry four loop tote bags	16	3	22	1
Scrap parts make steel sculptures for garden	16	3	22	1

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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
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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
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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	
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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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Expert has critical look at John Deere 9630 back end	16	4	12	
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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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Fold in half gates ideal in cow cubicle shed	16	4	33	
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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
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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
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U' pipe makes it very easy to fill cattle feed into tote bags from a blk	17	2	21	
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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
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Tips for landlords, paperwork, admin	17	3	35	
Planning expansion? Look at Warren Buffett's strategies	17	3	36	
Profiting from waste via the Land Network Agency	17	3	36	
Applying for Nuffield Scholarships	17	3	37	
Farm business strategies for recession	17	3	38	
Giant 'float-on' boat lifter	17	3	40	
Front mounted crumbler uses Kuhn roller	17	3	41	
ATV has essential improvements	17	3	42	1
Link box carries ewes and lambs in a separate pen	17	3	43	
Sheep race has under-cover treatment shed for wet weather	17	3	43	
Tidying up a 30 year old livestock trailer	17	3	44	
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	
ATV sprayer gets adapted to mount on small tractor 3-pt	17	4	8	1
Shed made from bales keeps equipment dry	17	4	8	1
Hydraulic top link uses fork-lift ram	17	4	9	1
Low cost min-till tine drill has good results and output	17	4	10	
Farm waste plastic collection made easy with this tote bag holder	17	4	12	1
Two top lambing ideas	17	4	12	
A neat way to add molasses evenly to a Blanch feed mixer	17	4	13	1
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
Stocks dual wheel remover uses adapted clamp to push off from baler	17	4	15	1
Temporary repair for damaged tyre valve uses milking liner	17	4	17	
Cleaning rusty tools with white vinegar	17	4	17	
Auto workshop light switch uses PIR switch	17	4	17	
Sheep shearing / handling trailer	17	4	18	
How to quickly remove a livestock container from an Ifor Williams fl	17	4	20	1
Conventional bales get mechanised with Balepacker and modified l	17	4	20	
Mounted fertiliser spreader makes big capacity sheep snacker	17	4	22	
Front linkage A frame carries plough press	17	4	23	1
Squirrel damage in woodland is costing £millions	17	4	24	1
Squirrel traps	17	4	24	
Pensions - take another look at the options and pit-falls	17	4	25	
Organic farming – does the Prince of Wales do it as much harm as	17	4	25	1
Improving piglet welfare	17	4	26	
Milk price contracts - info wanted	17	4	26	
Forage wagons – buying tips, what to look for, performance figures	17	4	27	
The dangers of modifying 4 x 4s and road vehicles	17	4	31	1
Lifting cow fertility with Omega-3	17	4	31	
Australian investor looks to agriculture for growth and stability	17	4	31	
Talk finance before buying your tractor for cash	17	4	32	
LAMMA 2009 gives farmers mid-winter buzz	17	4	32	1
Management systems need to change with the times	17	4	34	
Bulk bagging hopper uses scrap concrete mixer	17	4	37	1

Feed barrier yokes are big help in suckler management	17	Tel 01994 240978		
Home made toe-tip bucket loads grain efficiently	17	Fax 01994 241279		
MF loader is moved a Case using home made mounting brackets	17	4	40	1
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
Parmiter post knocker re-vamp	17	4	44	1
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
Workshop tips and tricks with Billy Young	18	1	10	
How to make an oxy profile cutter	18	1	10	
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	
White marker board for workshop wall is made from lorry panel	18	1	11	
Marking steel with Tippex is better than chalk or anything else	18	1	11	
Making air lines adaptable	18	1	11	
Washing machine drain pipe makes good cable protector	18	1	11	
Tips with the Plasma Cutter	18	1	12	
Using plasma cutter to make stencil signs	18	1	12	1
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
Leyland 272 adapted for better hedge trimming work	18	1	27	1
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	
Rodenator gas bottles towed by ATV	18	1	31	
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	
Mud on road legislation and signage	18	1	35	
British Farming Forum website provides life-saving advice	18	1	35	
Web site nightmares – how designers let clients down	18	1	36	
Case IH young farmer competition	18	1	36	
Lower cost energy from broker	18	1	36	
Badger control to start in N Pembrokeshire	18	1	37	
Wheel Nut Indicators - Farm IDEAS Offer	18	1	37	1
Management ideas on farm diversification	18	1	38	
Crocky Trail adventure park continues to grow	18	1	40	
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	
Farm Walk with Andrew Preisig, farming in Kent	18	1	43	1
Bateman Hi-LO Contour modifications	18	1	43	
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	
Swan song for the Royal Show	18	2	33	1
Farmers market competitiveness is always poor	18	2	33	
Top private companies do food	18	2	34	
Easycare sheep – sale in September	18	2	34	
Fertiliser market complications hit far decision making	18	2	35	
This is what's wrong with the milk market	18	2	35	
Agricultural Budgeting and Costing book - review	18	2	35	
Injured walker claims £1m	18	2	36	
Holiday cottage letting gets tax hike	18	2	36	
Oliver Walston 'Thirty-Five Harvests' - review	18	2	36	1
Low commission investment products look good value	18	2	37	
Hire company scams to watch out for	18	2	37	
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 dripple 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	
Enhanced Annuities' benefit sick pensioners	18	3	34	
Tips for getting your truck through the VOSA test	18	3	35	1
Transfer buildings before you develop	18	3	35	
The Soil Association accounts	18	3	35	
Black Farmer' looks at farming from both sides	18	3	36	1
Blackberries - improving the stock on your farm	18	3	36	1
What to do when you've bought a lemon	18	3	38	
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	
Waltersheid 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
Lamma 2009 review: Cultivator drills	18	4	31	
Lamma 2009 review: grassland subsoilers	18	4	31	
Lamma 2009 review: diesel tanks	18	4	31	1
Steering guidance systems	18	4	32	1
Grain storage, moisture and bird scaring	18	4	33	
On the move' liquid N adjuster	18	4	34	
ATV rear crate	18	4	34	1
Farm child safety campaign	18	4	34	
American farmland hedge fund	18	4	34	
Government writing is unintelligible	18	4	35	1
Australian farmers fight for better machinery deals	18	4	35	
Supermarket trading practices 'big boys game'	18	4	36	
East of England Grazing Forum	18	4	37	
The Farm Ideas 2010 Election Manifesto	18	4	38	1
What not to do when transferring farm to children	18	4	40	
Understanding GM crops	18	4	42	
Montbeliarde x Swedish Red x Friesian cows	18	4	43	

Adventure park on Made it Myself principles	18	Tel 01994 240978		
Topping' silage for young stock	18	Fax 01994 241279		
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	
Practical ideas for the home - heating etc	19	1	18	
Texas Ag Mechanics Show	19	1	18	1
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
How to buy good tools cheaply	19	1	29	
Aluminium spool-on gun, circular saw	19	1	29	
Steel support roller	19	1	30	
Mobile phone amplifier	19	1	30	1
African innovators raise living standards	19	1	31	1
Self Help Africa - helping Africans help themselves	19	1	31	1
Youth projects help self starters with funding	19	1	32	
Farm accident victims get little or no support	19	1	32	
US Corn planting in 2010 ahead of schedule	19	1	32	
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
International wheat cost comparison for 2009	19	1	34	
Straw raking kills slugs as well as spreading lumps	19	1	34	
Capping the CAP	19	1	34	

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Inventors' Clubs help transform ideas into products	19			
Agricultural Patents and how to use them	19			
The diesel engine revolution	19	1	37	1
Maxxing your Single Farm Payment	19	1	38	
Folding roller has useful weight transfer ability	19	1	40	1
LED strobe light provides low cost warning	19	1	40	
Knotting baler twine, and buying big reels	19	1	41	
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	
Cattle crush and forcing yard has major features	19	1	45	
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	36	
Farming on the urban fringe has special problems	19	2	38	
Rape seeder added to 4m Vaderstad TopDown cultivator	19	2	39	
Accord drill has suffolk coulters replaced by Amazone discs	19	2	40	
Spring tine makes a fast combination drill	19	2	40	
Plough painted rather than greased for rust protection	19	2	41	
Chemical store has double rooms for better management	19	2	42	1
Electrical extension lead gantry adds to safety and convenience	19	2	42	
Simple sheet bender made with a pair of bench vices	19	2	42	
Parts storage needs many bins	19	2	43	
Hydraulic brake tester for trailers	19	2	43	1
Land drain locator uses ferret finder	19	2	43	
Wheel nut sockets in home made box for puncture repairs	19	2	44	1
Brand on wood handles mark farm property	19	2	44	
Diesel meters on tanks and bowsers help keep control	19	2	44	1
Roof fan keeps workshop warm	19	2	45	
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	46	
The Keeling Farming Museum - a place for rural by-gones	19	2	47	
Stainless steel 3000l water bowser doubles as fire engine	19	2	48	1
Concrete lane blocker stops cars and 4x4s, allows tractor to pass	19	2	48	
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	3	5	1
Tractor toolbox detaches - speeds repairs and efficiency	19	3	7	
Air vents on cattle shed open to feed trough	19	3	8	
Cattle water troughs sanitised using hydrated lime	19	3	8	
Added tool box on Ford 4000 made for match ploughing	19	3	9	1
Bale spike has hydraulic push-off for safe, easy stacking	19	3	9	
Tullow root bucket converted to mix and feed meal	19	3	10	
Quick and easy cattle halter is made from 12ft rope	19	3	10	1
Yard gate swings open with weight and pulley	19	3	11	1
30ft span feed barrier design makes building flexible	19	3	11	
On floor grain drying uses field drain piping	19	3	12	
Cattle ear tag gives at a glance breeding info	19	3	12	
Chute made from old milk churn makes feed bag filler	19	3	13	
Innovative features on a match plough	19	3	14	
Slurry dribble bar fits back of tanker - innovative home made design	19	3	16	
Simple ideas for low cost livestock farming	19	3	17	
Installation ideas for electronic sheep handling	19	3	17	
Silage bales make windbreak for outwintered stock	19	3	18	
Temple Grandin inspired cattle handling	19	3	19	
Sheep management with Racewell system	19	3	20	
Dog kennel design keeps working dogs clean and warm	19	3	20	
ATV trailer adapted as disbudding, castrating pen for calf work	19	3	21	
Mobile mineral lick dispenser moves in field to prevent sward damage	19	3	22	1
Silage feeder for sheep designed for minimal wastage	19	3	22	1
Wheelchair farmer gets back into farming and contracting	19	3	23	
Hydraulic lift on John Deere 6910 gets disabled driver into cab	19	3	24	1
Lift for disabled on John Deere	19	3	25	
Modifications and features for hook-lift trailers	19	3	25	
Compressed air cleaner for square baler knotters	19	3	26	
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	01994 01994 240978	1
Trailer light folds - ingenious and improved safety	22	01994 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	
- Inga tree alley cropping	22	2 38	
- Up in Smoke film attracts international attention supported by Inn	22	2 40	
Keenan develops business in China	22	2 40	
Focussing on calves, reducing losses	22	2 40	
Building soil quality 1950s book review	22	2 41	1
West Offaly Discussion Group wins Farm Safety Award	22	2 42	
1929 Austin 12-4 vintage car makes economic motoring	22	2 42	
Farm Walk with Ross-on-Wye farmer Robert Davies	22	2 43	1
Mixed farm goes automated	22	2 43	
Cider harvest mechanised with tree shaker	22	2 43	1
Turkey unit produces stags all year round	22	2 44	
Misting sprinkler keeps auto slurry scrapers going	22	2 44	
Lely Astronaut robot milkers raise yields, transform dairying	22	2 45	
Weeping slurry wall covered with butyl sheet	22	2 46	
Home grain milled and mixed for cows and turkeys	22	2 47	
The farm and the local community	22	2 47	
Simmental X heifers successfully bolster dairy numbers	22	2 48	
Professional home built cultivator designed for min-tilling heavy land	22	3 6	
Grain pusher made from 3 lengths 100x50mm box	22	3 8	
Ballast roller carried on 3-pt linkage	22	3 8	1
Russell bale carrier extended from 56 to 80 bales	22	3 9	
BioGas plant provides 37% return on capital, and enhanced manure	22	3 10	
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