



# **Chapter 4**

### **Harvesting the Crops**

- 4.1 When to Harvest the Crop?
- 4.2 What Needs to be in Place Prior to Harvesting?
- **4.3 Using Contractors**
- **4.4 Alternatives to the Combine**
- 4.5 Straw for Housing
- 4.6 Key Risks at This Stage
- 4.7 Community Involvement

#### Link to Chapter 04 Grown in Totnes Case Study



## Grown in Totnes Toolkit

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	4.	1 WI	nen t	o Ha	rves	t the	Cro	p?										
			al har ding c		-		e belo	w, tho	ough t	here (	can b	e a lo	t of va	ariatio	n on t	his		
		•	depe Oats arour	nding can a nd 15°	on th Ilso be %	e wea e harv	ather a vested	ieat ca and ri d from i the e	penes Augu	s ist, an			•				S	
	v	vants	to be	betwe	en 1	4 and	20%	vhen y , thoug ne mill	gh if h	arves	ted a	t the u	upper					
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	2	1.2 W	/hat	Need	ls to	be i	n Pla	ace B	efor	e Ha	rves	tingʻ	?					
	] E	Ensure	e that	you h	ave c	lean,	dry, v	vermir	i-proo	f stora	age fo	or the	harve	est to	go int	0		
	]	dentif	y who	is go	ing to	unde	rtake	the h	arves	t and	what	kind o	of ma	chiner	ry the	y will I	be	

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	_																
		using															
		•	a trail	ler													
		•	conta	iners	for th	e grai	n, or	dump	y bag	S							
	]	extra tractor for moving the grain															
		• auger															
		<ul> <li>transport to the grain store</li> </ul>															
		Ensure that you have a grain cleaner lined up, ideally so that the newly harvested grain can go straight into it, before going into the drier ( <u>See 5.1 Drying and Cleaning</u> )															1)
	]	Ensure that, if needed, you have a grain drier lined up and two tractors, one to run the PTO shaft and one for loading													he		
		Back to the menu															
	4.3 Using Contractors																
		It is us	sually	the re	spon	sibility	of the	e farm	ner to	find tł	ne coi	ntract	or				
	]	<ul> <li>It is usually the responsibility of the farmer to find the contractor</li> <li>Unfortunately contractors tend to prioritise larger jobs over smaller ones, and if fair weather is in short supply around harvest time, this can undermine all the hard work of growing the crop. Build up a good relationship with your contractor before you need them and offer above the going rate to ensure that you get your crop harvested at the optimum time</li> </ul>															
	]	Trans	port is	the o	ther l	ogistic	cal co	nsidei	ation	arour	nd hai	vest	time; i	if you	are		

contracting others to move your harvest minimise the movement of the crop will save considerable expense e.g from farm to processing unit, or to the storage site, including the needs for drying and cleaning. Haulage is expensive and can make the

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difference betwee	en financia	al viabilit <u>y</u>	y or not								
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4.4 Alternativ	es to the	Comb	oine								
reaper binder* A reaper binder i string in to bundle distances apart. stooks*. It is imp treat it as if it is th with 'Long Straw' The grain is allow combined). If you process, but has fields. By using the	es called s The sheav portant to natching si <u>- Keith Qu</u> ved to dry u are not c the advant the reaper	heaves* es are th cut the c raw, (an <u>uantrill an</u> for seven ombining tages of binder b	f, and then nen collect rop when other part nd John L ral days b g the shea being ligh	n drop: ted an the sta t of the <u>etts</u> <sup>1</sup> . efore l aves it nter or crop h	being is a n n the s	n on t od up still ha ainab picke nore la soil ar lly rip	he gr into a ve so ility si ed up abour abour d use	and t r inter eful for	at even ped of reen i Thatc hresh hresh hsive or sma	en conica in the hing ed* (c aller e of	m,
Scything* Before reaper bind scythes. These ar attached at the bo blade to guide the Traditionally a tea tying the sheathes	e long pole attom of the stalks and m of scyth	es with tw pole. T reduce ers woul	wo handle o harvest grain spil ld cut whil	es mid- grain lage. e othe	-way, a crao ers foll	and a dle is lowed	a long attacl	l curve hed b nd ma	ed bla ehind aking	ide the and	
then be taken to a These days scythe with other plants.	threshing es are use	barn to	separate	the gra as of c	ain fro crop, o	om the	e strav ere gr	w. <sup>.</sup> ain is	inter	cropp	ed

<sup>&</sup>lt;sup>1</sup> Thanks to John Letts for his advice

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4.5 St	traw	for H	ousi	ng											
] Thatch	ning														
For tha or Mar can be An ave will rec awns* uniform	is Wic found erage quire 7 Spring	lgeon. d throu house ′ acres	Seed Igh H need s of st	l of al ills of Is at la raw.	l thre Devc east { Thatc	e is av on <u>http</u> ō tons hers r	vailab <u>)://ww</u> of str need t	le and <u>w.hills</u> aw, w he str	d it ba sofder which w raw to	with 2 be u	vell. N <u>D.uk</u> 5% Ic niform	/lore i oss for n and	nform r proc witho	essing ut	
Einkor acreag	n is no	-			-			on the	e roof	, but r	equire	es do	uble t	he	
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4.6 Ke	ey Ri	sks a	t Th	is St	age										
Lodgin falls ov soil are and ov	ver. T e parti	all-ste cularly	mme v suso	d heri ceptib	tage le, otl	varieti her ca	es tha iuses	at hav are e	e too xtrem	much ely wo	nitro	gen a	vailat	ole in i	
Weath impera	ative th	nat the	crop	is dry	/ and	that t	he soi	l struc	cture	is not	exce	ssivel	y dan		

<sup>&</sup>lt;sup>2</sup> Thanks to John letts

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