

CALIBRATION CHARTS

MULTIDRILL

For detailed information please refer to operating instructions!

Because of the differences in specific weight, size and shape of grain, also the kind of dressing and method of treatment **the figures stated** in the calibration charts **can only be used as a guide**. The exact amount drilled can only be ascertained by physical calibration tests.

1. It is essential to first do 10 - 20 turns clockwise with the calibration crank to ensure that all seed housings are completely filled with seed. Make sure that the drill is level in horizontal and vertical plane.
Repeat the calibration test after apprx. 500 m distance in the field.
2. Using the **standard** Upper Discharge system for any seed in the range of up to 3,5 mm thickness (all grain types) the correct **bottom flap position** is always ' 0 '.
The position ' 1 ' is only recommended for bigger sizes of seed when the danger of grinding or cracking may occur.
3. Drilling oil seed rape with good flowing properties in standard Upper Discharge system the recommended slide gate position is in notch ' 1d ' with a gap of apprx. 9 mm.
4. For drilling oil seed rape in Bottom Discharge system the fine seed fingers must be fitted. If they are not part of the standard equipment they can be ordered seperately.

CALIBRATION CHART MULTIDRILL

Seeds		Barley							Wheat, Rye, Triticale						
Bottom Flap Position		0*							0*						
Slide Gate Position		Fully Open							Fully Open						
Sowing System		Lower Discharge							Lower Discharge						
Optional Equipment		-----							-----						
Row Spacing (cm)		10	12	13	14	15	16	17	10	12	13	14	15	16	17
Metering 															

The figures stated are in kg/ha and can only be used as a guide.
The exact amount drilled can only be ascertained by physical calibration tests.

* For any seed in the range of up to 3,5 mm thickness (all grain types) the correct bottom flap position is always ' 0 '. The ' 1 ' position is only recommended for bigger sizes of seed when the danger of grinding or cracking may occur.

CALIBRATION CHART MULTIDRILL

Seeds		Oats							Hybrid Rye						
Bottom Flap Position		0*							0*						
Slide Gate Position		Fully Open							Fully Open						
Sowing System		Lower Discharge							Reduced Lower Discharge						
Optional Equipment		-----							-----						
Row Spacing (cm)		10	12	13	14	15	16	17	10	12	13	14	15	16	17
Metering 															

The figures stated are in kg/ha and can only be used as a guide.
The exact amount drilled can only be ascertained by physical calibration tests.

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CALIBRATION CHART MULTIDRILL

[illegible]

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The exact amount drilled can only be ascertained by physical calibration tests.

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CALIBRATION CHART MULTIDRILL

[illegible]

The figures stated are in kg/ha and can only be used as a guide.
The exact amount drilled can only be ascertained by physical calibration tests.

* For any seed in the range of up to 3,5 mm thickness (all grain types) the correct bottom flap position is always ' 0 '. The ' 1 ' position is only recommended for bigger sizes of seed when the danger of grinding or cracking may occur.

CALIBRATION CHART MULTIDRILL

Seeds		Peas													
Bottom Flap Position		4 or 5*													
Slide Gate Position		Fully Open													
Sowing System		Lower Discharge													
Optional Equipment		-----													
Row Spacing (cm)		10	12	13	14	15	16	17	10	12	13	14	15	16	17
Metering Lever Position	5														
	10	122	102												
	15	184	153	141	131	122	115	145							
	20	245	204	188	175	163	153	180							
	25	306	255	235	220	205	191	216							
	30	367	306	282	262	245	230	252							
	35	428	357	330	305	286	268	288							
	40	490	408	376	350	326	305	325							
	45	550	460	424	393	367	345	360							
	50	612	510	470	437	408	382								
	55														
	60														
	65														
	70														
	75														

The figures stated are in kg/ha and can only be used as a guide.
The exact amount drilled can only be ascertained by physical calibration tests.

* For any seed in the range of up to 3,5 mm thickness (all grain types) the correct bottom flap position is always '0'. The '1' position is only recommended for bigger sizes of seed when the danger of grinding or cracking may occur.

DRILLING OF OIL SEED RAPE IN UPPER DISCHARGE SYSTEM

Slide Gate Position:

- | | |
|----|--|
| 1a | For well flowing seed (incrusted, natural) |
| 1b | For normal flowing seed (powder dressed, talced) |
| 1c | For poor flowing seed (TGW - Thousand grain weight over 6 g) |
| 1d | For very well flowing seed and when vibrations are being transferred from cloddy or stoney soil or from the rotary harrow. |

Bottom Flap Position: 0

Metering Lever Position	Theoretical Seed Spacing cm	Max. Working Speed km/h	Seed Rate							
			TGW = 5g				TGW = 4g			
			Row Spacing 10 cm kg/ha	Row Spacing 10 cm Grains/sqm	Row Spacing 12 cm kg/ha	Row Spacing 12 cm Grains/sqm	Row Spacing 10cm kg/ha	Row Spacing 10cm Grains/sqm	Row Spacing 12 cm kg/ha	Row Spacing 12 cm Grains/sqm
100	7,1	4,4	6,7	135	5,6	112	5,4	135	4,45	111
90	7,85	4,9	6	121	5	100	4,8	121	4	100
80	8,8	5,5	5,4	108	4,5	90	4,3	108	3,6	91
70	10	6,2	4,7	94	3,95	79	3,75	94	3,2	79
60	11,8	7,3*	4,1	83	3,3	69	3,3	83	2,85	69
50	14,1	8,7*	3,4	67	2,8	56	2,7	67	2,25	56
40	17,8	8,7*	2,7	54	2,25	45	2,15	54	1,8	45
30	23,5	8,7*	2	41	1,7	34	1,65	41	1,4	35
20	35,5	8,7*	1,35	27	1,1	21,5	1,1	28	0,9	22

Reduce working speed to 3,5 km/h on slopes which are tilting more than 15%.
The recommended speed under normal conditions is 6 km/h.

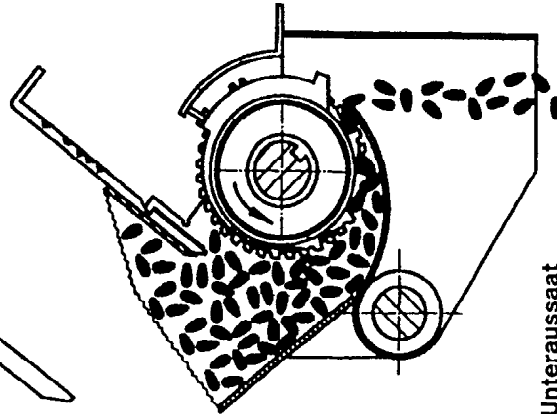
Oberausaat / Upper discharge system / Semis monograinne

- 1a – Für gut fließendes Saatgut (inkrustiert, naturrell)
For well flowing seed (incrustated, natural)
Pour semence à bon écoulement (sans enrobage)
- 1b – Für normal fließendes Saatgut (talkumiert, abrieblabil)
For normal flowing seed (powder dressed, talced)
Pour semence à écoulement moyen (pulvérisée, enrobée)
- 1c – Für schlecht fließendes Saatgut (TKG = Tausendkorngewicht > 6 g)
For poor flowing seed (TGW = thousand grain weight > 6 g)
Pour semence à mauvais écoulement (PMG = poids de 1000 grains > 6 g)
- 1d – Für sehr gut fließendes Saatgut und bei starken Vibrationseinwirkungen
For very well flowing seed and at heavy vibrations
Pour semence à très bon écoulement et vibrations fortes

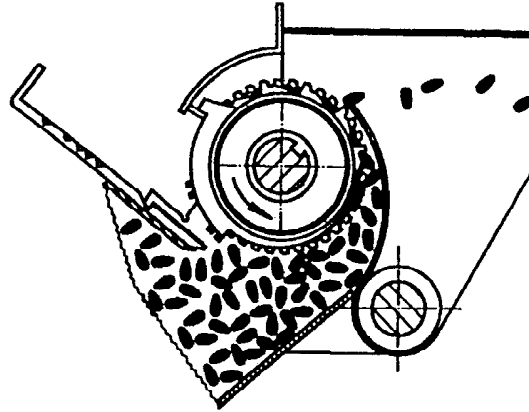
Schieber geschlossen
Slide gate closed
Trappe fermée

1d
1a
1b
1c

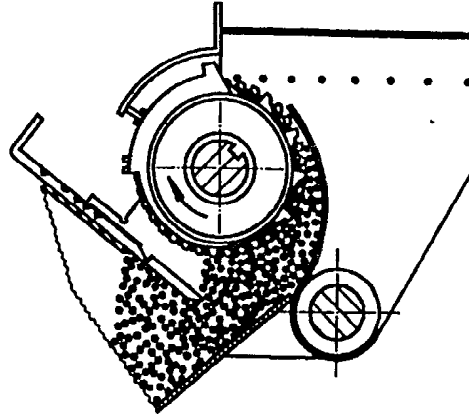
unterste Kerbe (voll geöffnet) für Unterausaat
Bottom notch (fully opened) for lower discharge
Trappe ouverte (encoche inférieure) pour semis classique



Unterausaat
Lower discharge system
Semis classique



reduzierte Unterausaat
Reduced lower discharge
Semis classique à faible dose



Oberausaat
Upper discharge system
Semis monograinne