



**REDUCED PASS
SPECIALTY EQUIPMENT**

by FORIGO & BROOKDALE

Problems growers are facing:

- 1 Fuel cost
- 2 Soil Compaction
- 3 Time to complete tasks
- 4 Climate change

Traditional tillage scheme:

- 1 Plow
- 2 Fertilize
- 3 Harrow
- 4 Pick rocks - debris
- 5 Seed prep pass
- 6 Plant

Tools that complete those tasks are:

- POWER HARROW



Power Harrows

Advantages:

1

It mills the soil and breaks the clods

2

It does not change the structure of the soil

3

Level the field surface **without forming the lower hard pan layer**

4

Few tractor's power required in relation to its working width

5

Can work in wet soil conditions

6

Ideal for winter and spring corns cultivations, soy and beet, vegetable crops too






7

Can be equipped with several rear roller type and various equipment for bed forming as well



Power Harrows

Range:

	Model				
20-65	F61	90 110 130 150 170 190 210	•		
40-80	F81	100 125 150 180 200 230 250	•		
40-100	F110	200 230 250 300	•		
60-120	F112	200 250 300		•	
60-130	F131	200 250 300		•	
70-140	F132	250 300 350 400		•	
90-180	F161	300 350 400		•	
110-260	F201	300 350 400		•	
100-160	FR110	360 410 460 500	•		
100-180	FR112	410 460 500	•		
120-220	FR120	400 460 500		•	
120-240	FR130	400 500 600		•	
140-280	FR160	400 500 600		•	
180-300	FR200	500 600 700		•	

Tools that complete those tasks are:

- **STONE BURIER / REVERSE TILLER**





Stone Buriers

Advantages:

1

It buries stones, hard clods, trash and crop residues

2

Excellent draining effect

3

It works the soil without modifying its structure

4

It can work in rough soils not previously cultivated

5

It leaves fine field surface, making seeding and transplanting operations easier

6

Ideal for vegetable crops such as tomato, lettuce, onion and baby leaf

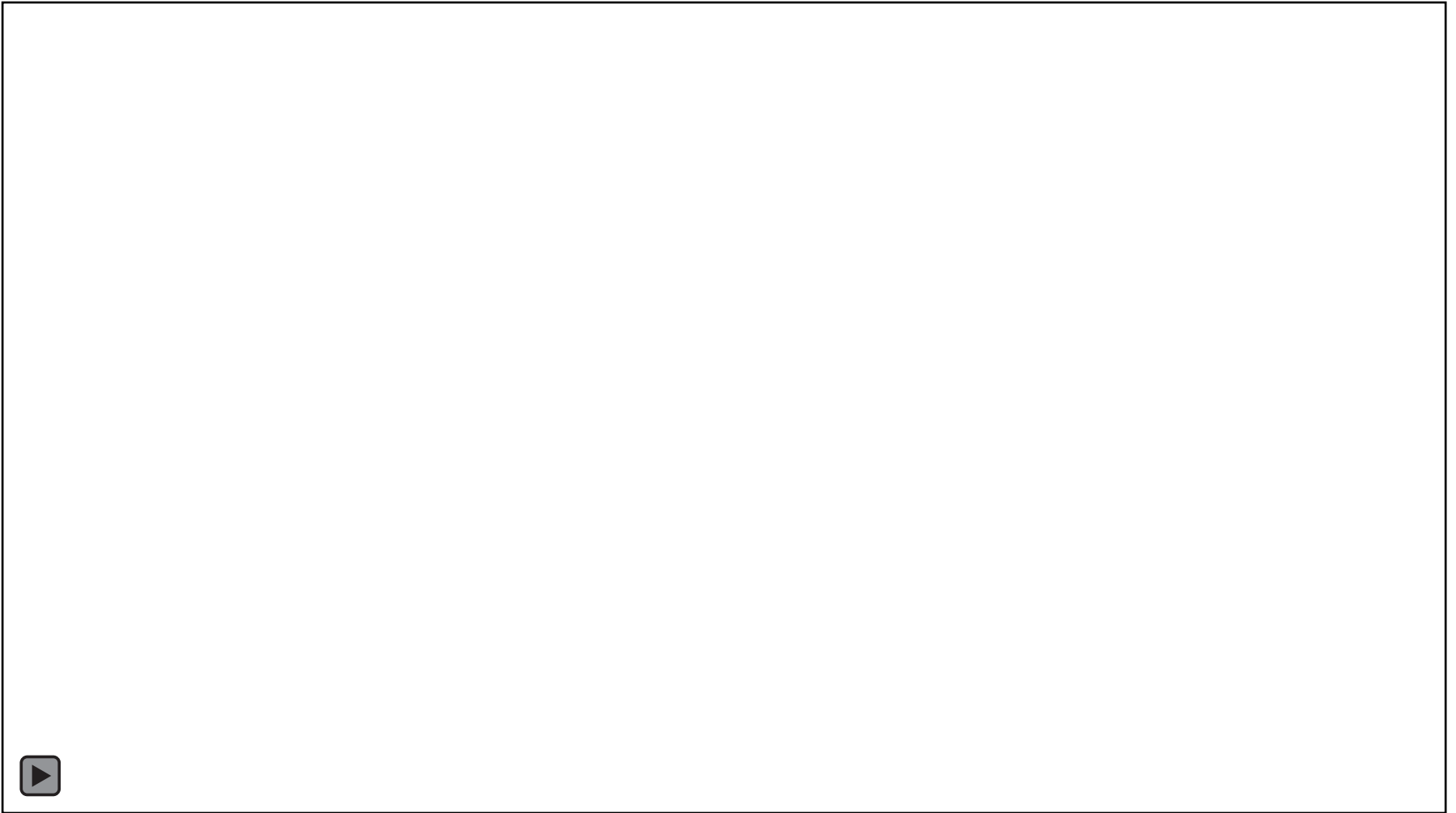
7

It creates beds which remain flat and solid during the whole cultivation cycle



Stone Buriers



Operating principle



Stone Buriers

Range:



	Model	
15-35	G15	85 105 125
25-50	G25	110 130 150 170
40-80	G35 / G35 HC	130 150 170 185 200 230 250
80-200	G45 / G45 HC	170 200 230 250 280 300 350 400 420
150-250	G50	300 350 380 400 430
180-220	DG35	340 370 440
200-270	DG45	340 400 460 500
200-380	DG60	350 400 450 500 550 600
160-250	TG35	3X130 3X150 3X170 3X185
200-350	TG45	3X170 3X200

VACUUM PRECISION DIRECT SEEDING



Presentation



READY TO FIT YOU

MODULA™



Modula GO seeds straight through the plastic film, which has been laid on the field already



MODULA™ .Jet



Modula Jet is a complete system that allows to lay the plastic film down and seed through it.

▼ MODULA™

FORIGO

READY TO FIT YOU

▼ MODULA™

- Fully electric
- Adjustable inline seeding distance
- Seeding distribution system integrated in each element
- Flexible seeding depth
- Electronic controlling system
- The plastic film must be well laid onto the field



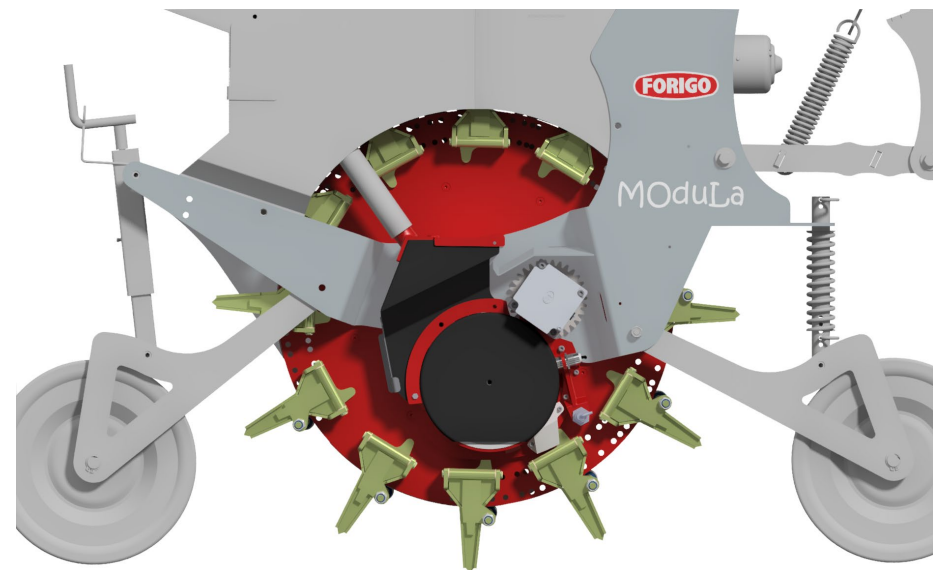
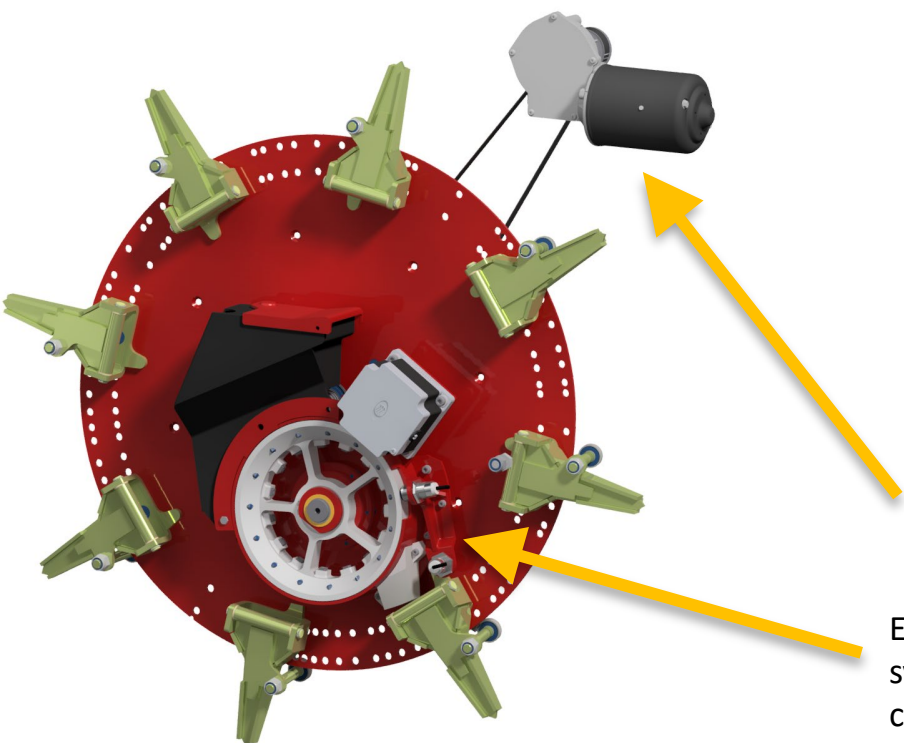
MACFRUT
Innovation Award **2018**

**MEDAGLIA
ORO**

MODULA™

FORIGO

READY TO FIT YOU



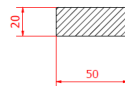
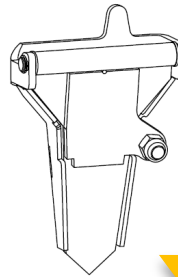
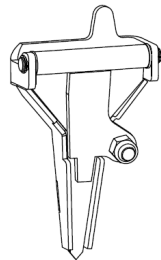
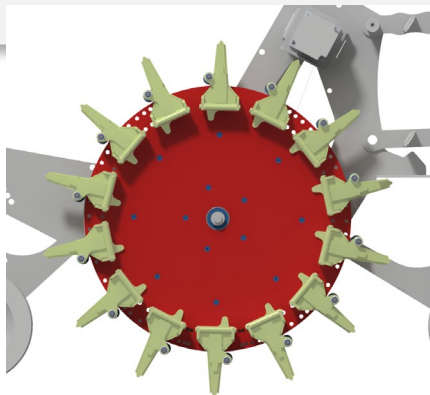
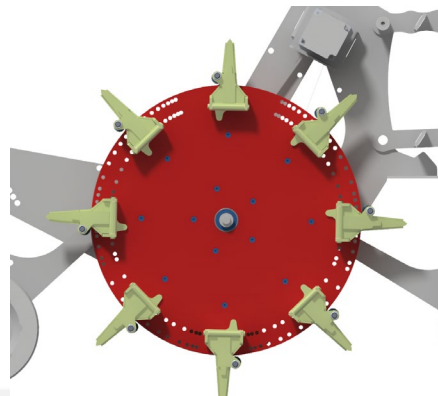
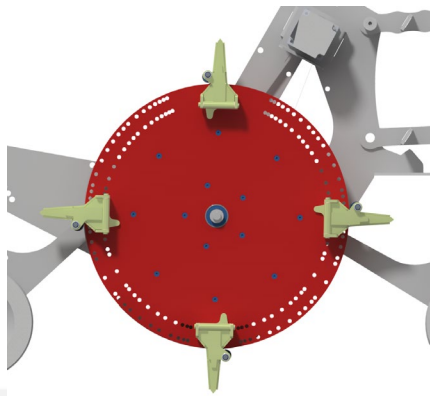
Electric motor for seeding cones rotation, proportional speed

Electric distributor with sensor, which synchronize the seed dosage into the seed cones

MODULA™

FORIGO

READY TO FIT YOU



The seeding distance changes according to the number of seeding cones on the disk:

Seeding cones	Seeding distance
n°2	46.5"
n°3	30.7"
n°4	23.2"
n°5	18.5"
n°6	15.3"
n°7	13.0"
n°8	11.4"
n°9	10.2"
n°10	9.1"
n°11	8.3"
n°12	7.5"
n°13	7.1"
n°14	6.7"
n°15	6.3"

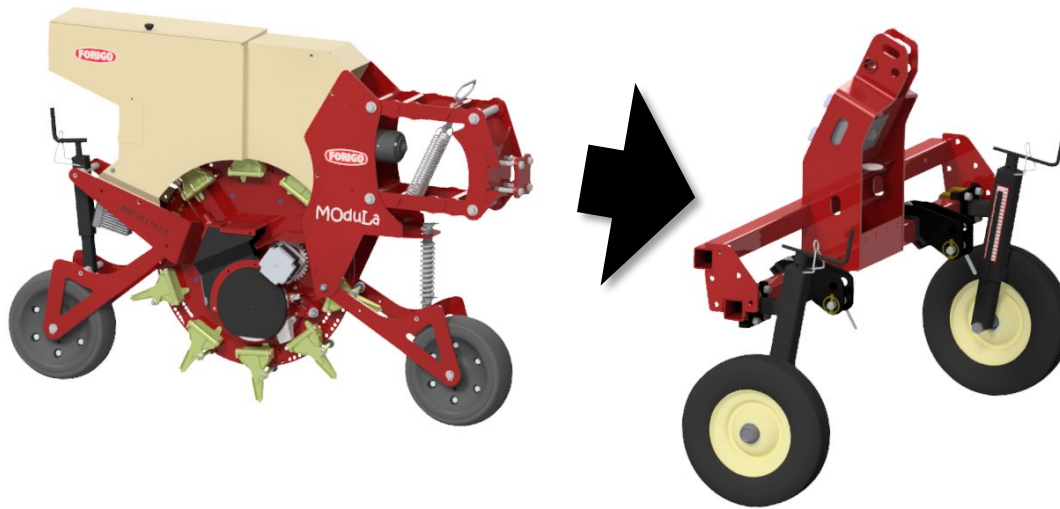
Two types of cones available:

- Standard, which creates a 0.8x0.8" hole into the plastic film
- Maxi, which creates a 2x0.8" hole, suitable for bigger seeds (i.e. pumpkin and zucchini)

MODULA™

FORIGO

READY TO FIT YOU



Great flexibility and easy to use thanks to independent seeding elements, which require just to be fixed to the front frame/structure

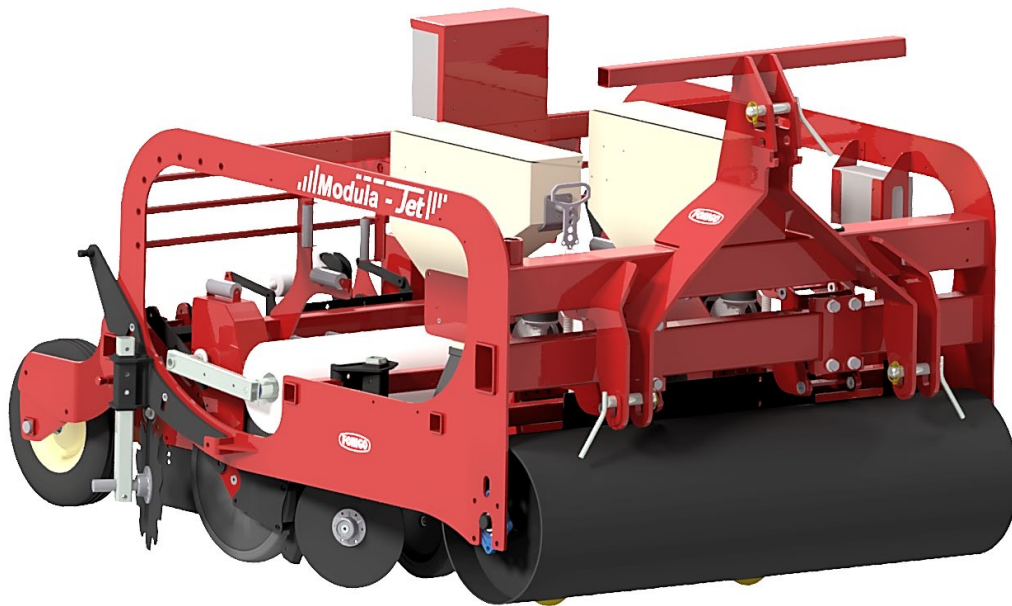




NI MODULA™ .Jet

FORIGO

READY TO FIT YOU

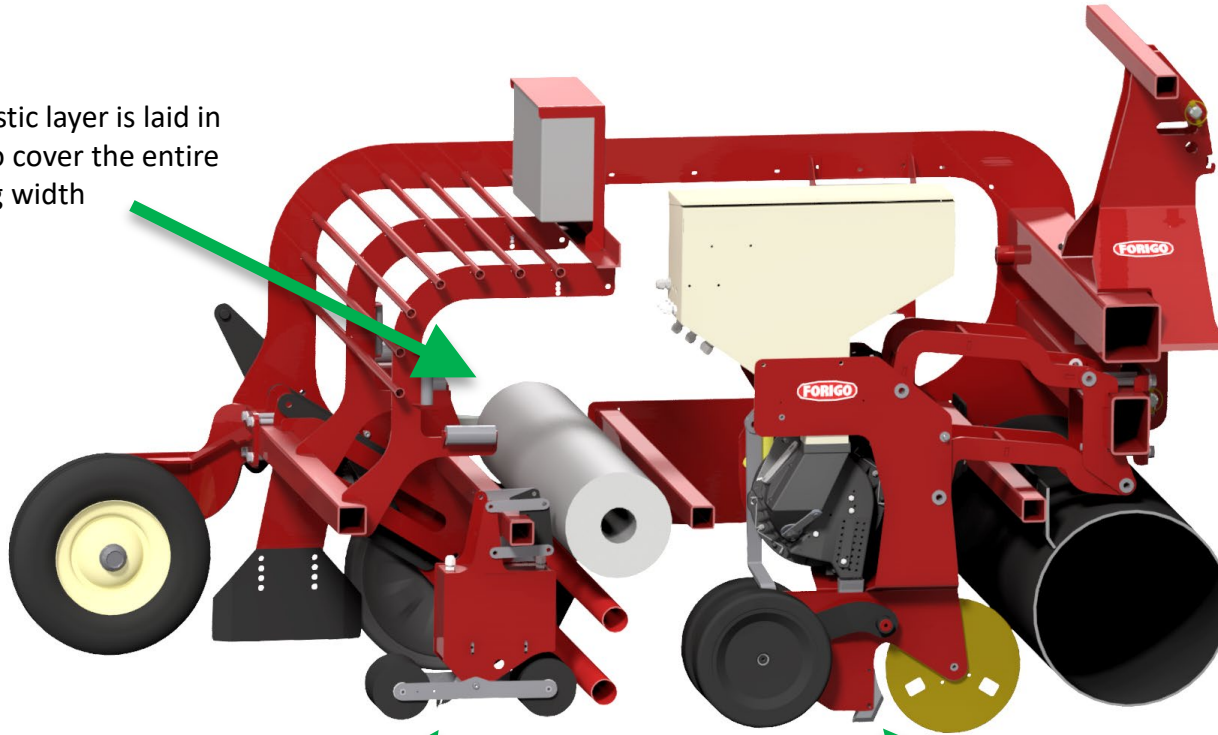


NI MODULA™ .Jet

- One-Pass Fully Electronic Precision Seeder & Plastic-layer
- High flexibility of seeding distances
- High flexibility of seeding depth



3. The plastic layer is laid in order to cover the entire working width



1. The front roller compacts and levels the seeding surface

4. The electronic knife cuts exactly the plastic film where the seed is laid

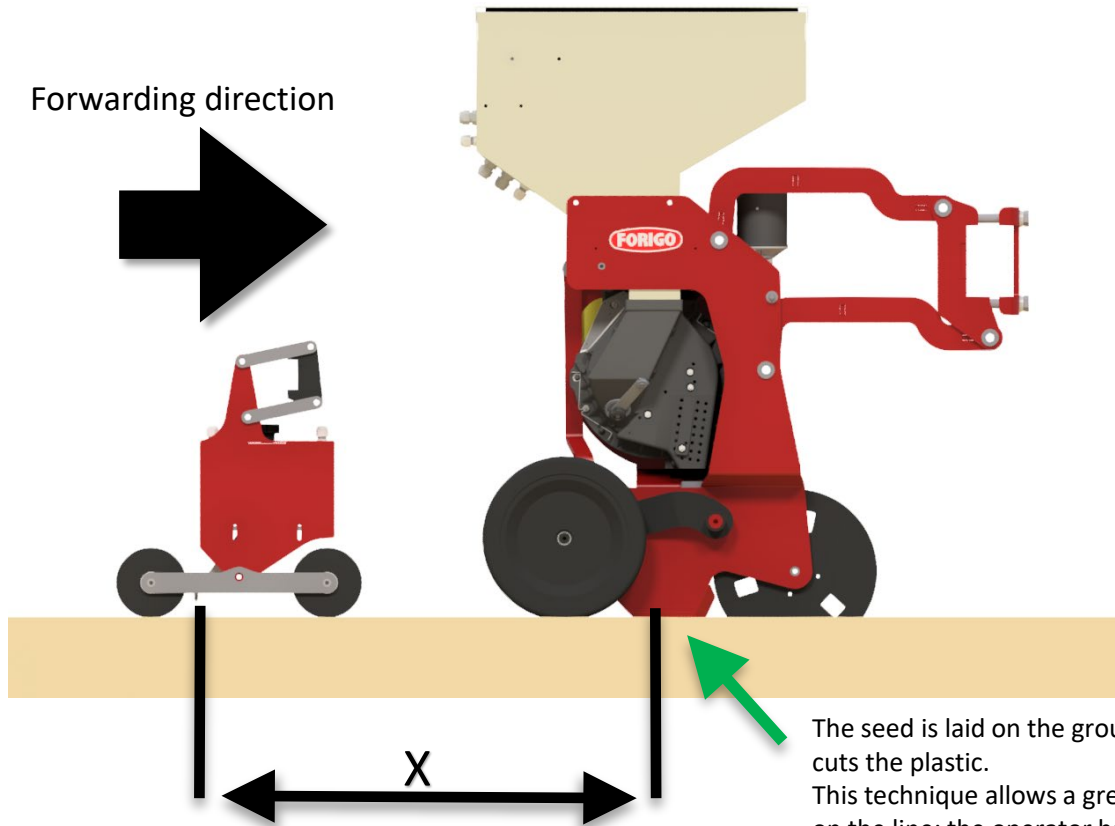
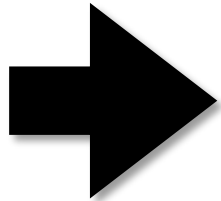
2. The seeding element lays the seeds off on the ground, at a flexible/different depth and distance

NI MODULA™ .Jet

FORIGO

READY TO FIT YOU

Forwarding direction



The seed is laid on the ground while the electronic knife intercepts the seed and it cuts the plastic.
This technique allows a great flexibility and speed by changing the seeding distance on the line: the operator has just to enter the seeding distance and the cut/hole length desired into the computer.

NI MODULA™ .Jet

FORIGO

READY TO FIT YOU



Two different models of Modula Jet
available:

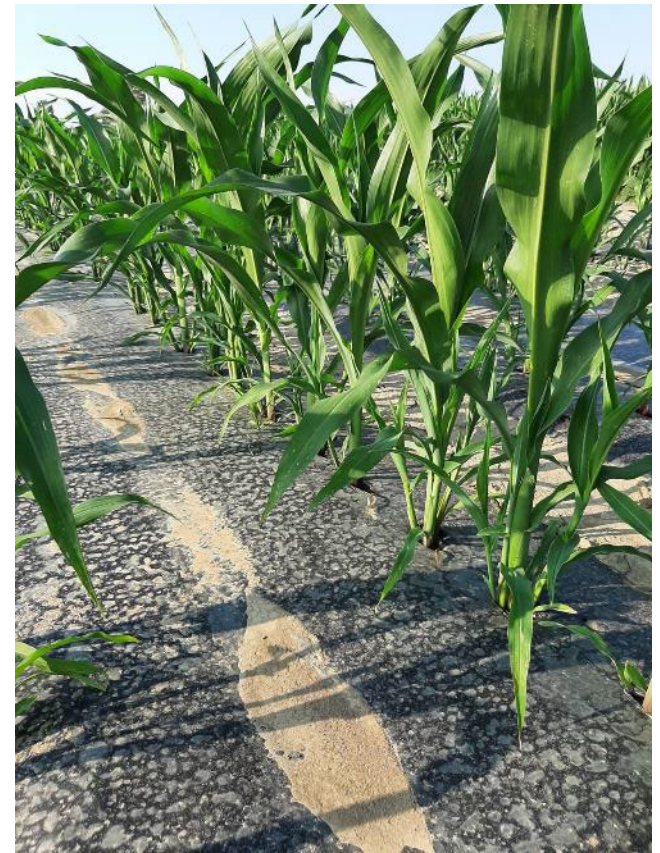
- Single Film Roll
- Double Film Roll

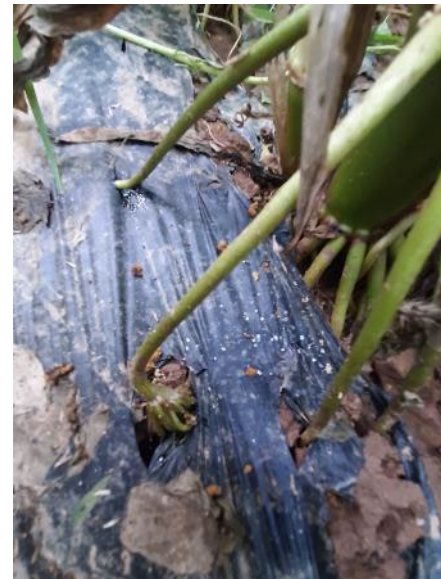
NI MODULA™ .Jet

FORIGO

READY TO FIT YOU

CORN





On mulched corn: extraordinary development of adventitious roots

NI MODULA™ .Jet

FORIGO

READY TO FIT YOU



MULCHED

NOT MULCHED

NI MODULA™ .Jet

FORIGO

READY TO FIT YOU

WATERMELON



NI MODULA™ .Jet

FORIGO

READY TO FIT YOU

RADICCHIO



NI MODULA™ .Jet

FORIGO

READY TO FIT YOU

LETTUCE



