

The Indigo Extraction Process



The indigo plant growing in the field





Indigo extraction site

Equipment is set up at the plant site



Cutting the indigo plant



Carrying the
indigo plant
from the field
to the van



Loading the
indigo plant on
the van



Moving the
indigo to the
extraction site

Weighing the indigo after it is brought in from the field



Carrying the indigo plant to the first soaking drum



Putting the
indigo into
the soaking
drum



The soaking drum is filled to the top with indigo plants





Inside the soaking drum, the indigo plants are submersed in water and soaked for 18-24 hours

After soaking the indigo sticks and leaves are removed and the indigo water remains





These are the indigo sticks and leaves that have been removed from the soaking drum and will be used for firewood

The indigo water is released from the first tank and put into another soaking tank





For three hours the indigo water is stirred, then caustic is added, and the stirring continues for another 1-2 hours

After the stirring and caustic, the indigo water is transferred from the tank to a basket lined with cloth



After 4-5 hours,
the water has
drained, and
indigo paste
remains in the
cloth-lined basket



The indigo paste is spread
in the sun





The indigo paste sits in the sun until it is dry





The dried
indigo paste
is ground into
powder



Weighing and packaging the indigo dye

Labeling the packaged indigo dye

